

## Experts in Black

Standard Masterbatch Products



Standard Grades	Polymer Compatibility*									Key Features		Description & Application Guide	Recommended Use		ed Use
	EVA	PE	PP	PS	PC	ABS, PC/ ABS	PA	PET/ PBT	PVC	EU Food Contact Compliant	Provides UV Protection	(Nb Products are Carbon Black based Masterbatches unless otherwise specified)	Film	Injection Moulding	Extrusion
LDPE/LLDPE CAR	RIER	R													
PE 48/93	*	1	1	*	*	*	*	*	*	<b>√</b>	✓	Premium grade high jetness furnace black product, suitable for food contact applications	X	<b>√</b>	<b>√</b>
PE 48/92F	*	1	<b>✓</b>	*	*	*	*	*	*	<b>√</b>	✓	Small particle P-type furnace black, suitable for food contact and film extrusion down to 15 microns	✓	<b>√</b>	<b>√</b>
M PE BLACK 12755	*	1	1	*	*	*	*	*	*	✓	<b>√</b>	Small particle furnace black, suitable for food contact and for film extrusion down to 15 microns	✓	✓	✓
PE 48/101	*	1	✓	*	*	*	*	*	*	✓	✓	Small particle furnace black, suitable for food contact and for film extrusion down to 20 microns	✓	✓	✓
PE 48/72F	*	<b>/</b>	<b>√</b>	*	*	*	*	*	*	X	<b>√</b>	Standard general purpose furnace black product for film extrusion down to 25 microns	✓	✓	✓
PE 48/70F	*	<b>/</b>	<b>√</b>	*	*	*	*	*	*	X	<b>√</b>	High strength general purpose product for film extrusion down to 30 microns, with mineral antiblock	<b>√</b>	<b>√</b>	<b>√</b>
MPE9D2015	*	<b>/</b>	<b>/</b>	*	*	*	*	*	*	X	<b>√</b>	Small particle furnace black, suitable for moulding and extrusion applications	<b>√</b>	<b>√</b>	<b>√</b>
M PE BLACK 12751	*		<b>/</b>	*	*	*	*	*	*	<b>✓</b>	*	High strength general purpose product, suitable for food contact and film extrusion down to 30 microns	<b>√</b>	<b>/</b>	<b>/</b>
MPE9D2111	*	<b>√</b>	<b>√</b>	*	*	*	*	*	*	X	*	High strength general purpose product for film extrusion down to 30 microns	<b>√</b>	<b>√</b>	<b>√</b>
"UNIVERSAL" CAF	RRIE	R													
UN 53/20	<b>/</b>	1	<b>√</b>	<b>/</b>	<b>√</b>	<b>/</b>	<b>√</b>	<b>/</b>	<b>√</b>	<b>√</b>	<b>√</b>	Premium high jet furnace universal product, suitable for food contact applications	X	<b>√</b>	<b>√</b>
MUN9D2115	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>/</b>	<b>√</b>	<b>/</b>	<b>√</b>	✓	✓	Small particle furnace black universal product with high jetness, colour strength and surface gloss	X	<b>√</b>	<b>√</b>
MUN BLACK 12753	<b>/</b>	1	<b>/</b>	<b>/</b>	1	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>	<b>✓</b>	<b>/</b>	Special food contact compliant universal product with high strength	X	<b>√</b>	<b>√</b>
UN 53/16	<b>/</b>	<b>/</b>	<b>√</b>	<b>√</b>	<b>/</b>		<b>/</b>	<b>√</b>	<b>√</b>	X	<b>√</b>	High strength general purpose universal product for injection moulding and extrusion applications	X	<b>√</b>	<b>✓</b>
PP CARRIER															
M PP BLACK 13348	X	X	1	X	X	X	X	X	X	X	<b>√</b>	Premium grade, high jetness furnace black with noticeable blue shade	X	✓	✓
PP 50/10	X	X	<b>√</b>	X	X	X	X	X	X	✓	<b>√</b>	Small particle P-type furnace black, food contact compliant	X	<b>√</b>	$\checkmark$
PS CARRIER															
M PS BLACK 13391	X	X	X	1	X	1	X	X	X	<b>√</b>	✓	Small particle furnace black with dispersing aid, food contact compliant, for extruded sheet and foam	X	<b>√</b>	✓
PS 47/32	X	X	X	<b>√</b>	X	1	X	X	X	✓	<b>√</b>	High strength general purpose product suitable for food contact applications	X	✓	✓
SAN CARRIER															
M SAN BLACK 10767	X	X	X	1	1	1	X	X	X	X	/	High jetness furnace black product with superior dispersion for moulding and extrusion in ABS or SAN	X	/	<b>√</b>
MSN9D2075	X	X	X	<b>√</b>	/	1	X	X	X	X	<b>√</b>	High jetness furnace black product for general moulding and extrusion in ABS or SAN	X	<b>√</b>	<b>✓</b>
EVA CARRIER															
EVA 55/10	1	1	1	1	1	*	*	*	*	X	/	Standard general purpose product for the pigmentation of polyolefin and polyamide products	1	/	/
M EVA BLACK 16100	1	1	1	1	1	*	*	*	*	<b>✓</b>	/	Small particle weathering grade black, food contact compliant	<b>√</b>	<b>✓</b>	<b>✓</b>
PA-6 CARRIER															
N54/12	X	X	Y	×	Y	×	./	X	X	X	×	Premium solvent dye (nigrosine) + high jet furnace black product with enhanced properties	Y		
PACE BLACK 12561	X	X	X	X	X	X	1	X	X	X	1	Premium grade high jetness furnace black product used at minimum addition levels	X	1	/
N 54/1033	X	X	X	X	X	X	1	X	X	×	X	Premium solvent dye (nigrosine) product with high gloss finish and superior moulding performance	X	1	/
N54/14	X	X	X	X	X	×	1	X	X	X	X	Premium solvent dye (nigrosine) + high jet furnace black product with superior jetness and finish	X	<b>✓</b>	<b>✓</b>
N 54/1044	X	X	X	X	X	×	1	X	X	X	<b>√</b>	Premium grade high jetness furnace black product	X	<b>√</b>	/
N 54/1088	X	X	X	X	X	X	/	X	X	X	<b>√</b>	Small particle furnace black with excellent UV properties	X	<b>√</b>	<b>√</b>
PC CARRIER															
PACE BLACK 4357	X	X	X	X	1	1	X	X	X	X	<b>/</b>	High jetness furnace black product for general moulding and extrusion	X	/	/
PET CARRIER															
PACE PT 4778	Y	Y	Y	¥	Y	×	¥		X	./	./	Small particle furnace black product for food safe moulding and extrusion applications	Y	./	
								V	~			S. Tal. particle for the production look dure thoulding and extraording applications	^	V	V
SPECIAL APPLICA		N PF	KODU	JCT	5			• •		**			•		
EL 4303	X	X	X	X	X	X		X	X	X	X	Molybdenum disulphide in PA-6 carrier for providing self-lubricating properties in PA compounds	X		
MPA9D2283	X	X	X	×	X	X	<b>✓</b>	X	X	X	X	Fine particle graphite dispersed in a PA-6 / PA-66 carrier for providing self-lubricating properties	X		
MPE9D2203  ✓ Compatible *	Part c	ompa	tible	*	X N	│	ble	*	<b>★</b>	<b>V</b>	V	Geomembrane grade on PE carrier with superior UV resistance properties, also for potable water pipe  Also available:-  T-TEC High-Temperature Engineering Polymers	✓	<b>V</b>	<b>√</b>

\*Note: since many factors may affect product use, suitability of products in any particular application should be verified by the customer. For further technical information or samples of any of our products please contact the Colloids Sales Office (details on the reverse)

Iso available:- T-TEC High-Temperature Engineering Polymers
PACE Engineering Polymers
E-TEC Electrically Conductive Polymers



A MEMBER OF THE LODIE GROOT



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