

Pearlthane® MB-9005

Thermoplastic Polyurethane Elastomer

Lubrizol Advanced Materials, Inc.

Message:

PEARLTHANE® MB-9005 is a TPU-based colour masterbatch, supplied in the form of homogeneously black coloured pellets. It is specially intended for colouring TPUs (either polyester or polyether-based), for extrusion, injection moulding or calendering processes.

PEARLTHANE® MB-9005 can be mixed with any items of our PEARLTHANE® or PEARLCOAT® lines (either polyester or polyether-based) intended for applications obtained by extrusion, injection moulding or calendering.

A 2 % usage level (on TPU, by weight) is recommended. Higher levels can be considered, depending on the requirements of the end-product.

General Information	
Uses	Masterbatch
Agency Ratings	EC 1907/2006 (REACH)
Appearance	Black
Forms	Pellets
Processing Method	Calendering Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.70	g/cm ³	ASTM D1895
Carbon Black Content	40	%	
Light Fastness - (1-8) scale of blue tones	8		DIN 53389
Color Number	RAL 9005		

Injection	Nominal Value	Unit
Drying Temperature	100 to 110	°C
Drying Time	1.0 to 2.0	hr

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Recommended distributors for this material

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