

HYBRAR™ 5125

Thermoplastic Elastomer

Kuraray Co., Ltd.

Message:

HYBRAR™ 5125 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Solution Viscosity			
20 wt% Toluene Solution : 30°C	100	mPa · s	
30 wt% Toluene Solution : 30°C	650	mPa · s	
Styrene Content	20.0	wt%	
Peak Temperature of Tan	-3	°C	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	60		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	1.60	MPa	
300% Strain	2.50	MPa	
Tensile Stress (Yield)	8.80	MPa	ISO 37
Tensile Elongation (Break)	730	%	ISO 37
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-13.0	°C	DSC

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Recommended distributors for this material

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