

HYBRAR™ 7125

Thermoplastic Elastomer

Kuraray Co., Ltd.

Message:

HYBRAR™ 7125 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	0.898	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.70	g/10 min	
230°C/2.16 kg	4.0	g/10 min	
Solution Viscosity			
20 wt% Toluene Solution : 30°C	55	mPa · s	
30 wt% Toluene Solution : 30°C	350	mPa · s	
Styrene Content	20.0	wt%	
Peak Temperature of Tan	-5	°C	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	64		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	1.70	MPa	
300% Strain	2.70	MPa	
Tensile Stress (Yield)	7.10	MPa	ISO 37
Tensile Elongation (Break)	680	%	ISO 37
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-15.0	°C	DSC

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Recommended distributors for this material

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