

HYBRAR™ 7311

Thermoplastic Elastomer

Kuraray Co., Ltd.

Message:

HYBRAR™ 7311 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	0.888	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	1.1	g/10 min	
230°C/2.16 kg	5.7	g/10 min	
Solution Viscosity - 20 wt% Toluene Solution (30°C)	210	mPa · s	
Styrene Content	12.0	wt%	
Peak Temperature of Tan	-17	°C	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	41		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	0.600	MPa	
300% Strain	0.900	MPa	
Tensile Stress (Yield)	6.30	MPa	ISO 37
Tensile Elongation (Break)	1100	%	ISO 37
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-32.0	°C	DSC

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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