

PRODUCT INFORMATION
High Modulus 39D Grade
KOPEL[®] KP3339HM

Polyester Elastomer Resin, High Modulus Grade 39D

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.12
Melt Index	210 °C * 2160g ASTM D1238	g/10min	12
Shrinkage	ASTM D955	%	1.0
Water Absorption	23 °C, Equilibrium 60%RH ASTM D570	%	0.05
Thermal			
Melting Point	ASTM D3418	°C	180
Flammability	UL 94		HB
Mechanical			
Tensile Strength	23 °C ASTM D638	kg/cm ²	245
Tensile Elongation	23 °C ASTM D638	%	1,120
Flexural Modulus	23 °C ASTM D790	kg/cm ²	650
Notched Izod Impact Strength	23 °C ASTM D256	kg cm/cm	N/B
	-40 °C ASTM D256	kg cm/cm	N/B
Hardness, Durometer	ASTM D2240	SHORE D-Type	39
Abrasion resistance CS-17 Wheel	ASTM D1044	mg/1,000 cycles	3
Resilience		%	67

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