

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

**KOLON PLASTICS, Inc.**