

PRODUCT INFORMATION**Polyester Elastomer Resin****KOPEL[®] KP3335**

Polyester Elastomer Resin

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.13
Melt Index 200 °C * 2160g	ASTM D1238	g/10min	26
Shrinkage	ASTM D955	%	1.00
Water Absorption 23 °C, Equilibrium 60%RH	ASTM D570	%	0.05
Thermal			
Melting Point	ASTM D3418	°C	160
Solenoid Brittle Point	ASTM D746	°C	
Flammability	UL 94		HB
Mechanical			
Tensile Strength 23 °C	ASTM D638	kg/cm ²	165
Tensile Elongation 23 °C	ASTM D638	%	900
Flexural Modulus 23 °C	ASTM D790	kg/cm ²	286
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	37
Abrasion Resistance CS-17 Wheel	ASTM D1044	mg/1,000 cycles	-
Resilience		%	-

**KOLON PLASTICS, Inc.**