

PRODUCT INFORMATION

General Grade 40D

KOPEL[®] KP3340

Polyester Elastomer Resin, General Grade 40D

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.15
Melt Index 200 °C * 2160g	ASTM D1238	g/10min	17
Shrinkage	ASTM D955	%	1.1
Water Absorption 23 °C, Equilibrium 60%RH	ASTM D570	%	0.7
Thermal			
Melting Point	ASTM D3418	°C	170
Heat Deflection Temperature under Load HDT/A 0.45 MPa (4.6 kg/cm ²)	ASTM D648	°C	65
Solenoid Brittle Point	ASTM D746	°C	<-70
Flammability	UL 94		HB
Mechanical			
Tensile Strength 23 °C	ASTM D638	kg/cm ²	210
Tensile Elongation 23 °C	ASTM D638	%	920
Flexural Modulus 23 °C	ASTM D790	kg/cm ²	970
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	40
Abrasion Resistance CS-17 Wheel	ASTM D1044	mg/1,000 cycles	3
Resilience		%	67



KOLON PLASTICS, Inc.

