

PRODUCT INFORMATION

General Grade 72D

KOPEL[®] KP3372

Polyester Elastomer Resin, General Grade 72D

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.27
Melt Index 240 °C * 2160g	ASTM D1238	g/10min	36
Shrinkage	ASTM D955	%	1.75
Water Absorption 23 °C, Equilibrium 60%RH	ASTM D570	%	0.3
Thermal			
Melting Point	ASTM D3418	°C	218
Heat Deflection Temperature under Load HDT/A 0.45 MPa (4.6 kg/cm ²)	ASTM D648	°C	148
Solenoid Brittle Point	ASTM D746	°C	-65
Flammability	UL 94		HB
Mechanical			
Tensile Strength 23 °C	ASTM D638	kg/cm ²	410
Tensile Elongation 23 °C	ASTM D638	%	410
Flexural Modulus 23 °C	ASTM D790	kg/cm ²	13,400
Notched Izod Impact Strength 23 °C	ASTM D256	kg cm/cm	12.2
-40 °C	ASTM D256	kg cm/cm	4.8
Hardness, Durometer	ASTM D2240	SHORE D-Type	72
Abrasion Resistance CS-17 Wheel	ASTM D1044	mg/1,000 cycles	10
Resilience		%	-

**KOLON PLASTICS, Inc.**