

**PRODUCT INFORMATION**

General Grade 72D

**KOPEL<sup>®</sup> KP3372**

Polyester Elastomer Resin, General Grade 72D

Property	Test Method	Units	Value
<b>Physical</b>			
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
<b>Thermal</b>			
Melting Point	ASTM D3418	°C	218
Heat Deflection Temperature under Load	ASTM D648		
HDT/A 0.45 MPa ( 4.6 kg/cm <sup>2</sup> )		°C	148
Solenoid Brittle Point	ASTM D746	°C	-65
Flammability	UL 94		HB
<b>Mechanical</b>			
Tensile Strength 23 °C	ASTM D638	kg/cm <sup>2</sup>	410
Tensile Elongation 23 °C	ASTM D638	%	410
Flexural Modulus 23 °C	ASTM D790	kg/cm <sup>2</sup>	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		%	-

The information provided in this data sheet is based on our present state of knowledge and is estimated by KOLON PLASTICS, Inc. This information should not be used as guaranteeing specification limits.

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