

PRODUCT INFORMATION

General Grade 63D

KOPEL® KP3363

Polyester Elastomer Resin, General Grade 63D

Property	Test Method	Units	Value	
Physical				
Specific Gravity	ASTM D792	-	1.23	
Melt Index 230 °C * 2160g	ASTM D1238	g/10min	36	
Shrinkage	ASTM D955	%	1.3	
Water Absorption 23 °C, Equilibrium 60%RH	ASTM D570	%	0.3	
Thermal				
Melting Point	ASTM D3418	°C	210	
Heat Deflection Temperature under Load	ASTM D648			
HDT/A 0.45 MPa (4.6 kg/cm ²)		°C	120	
Solenoid Brittle Point	ASTM D746	°C	<-70	
Flammability	UL 94		HB	
Mechanical				
Tensile Strength 23 °C	ASTM D638	kg/cm ²	375	
Tensile Elongation 23 °C	ASTM D638	%	620	
Flexural Modulus 23 °C	ASTM D790	kg/cm ²	4,460	
Notched Izod Impact Strength	23 °C	ASTM D256	kg·cm/cm	N/B
	-40 °C	ASTM D256	kg·cm/cm	12
Hardness, Durometer	ASTM D2240	SHORE D-Type	63	
Abrasion Resistance CS-17 Wheel	ASTM D1044	mg/1,000 cycles	7	
Resilience		%	43	

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. KOLON PLASTICS, Inc. make no warranty and liability in connection with any use of this information.


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