

PRODUCT INFORMATION

General Grade 63D

KOPEL^{fi} KP3363

Polyester Elastomer Resin, General Grade 63D

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



KOLON PLASTICS, Inc.

