KOLON PLASTICS, INC.

PRODUCT INFORMATION

General Grade 47D

KOPEL® KP3347

Polyester Elastomer Resin, General Grade 47D

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.17
Shrinkage	ASTM D955	%	1.1
Water Absorption 23℃, Equilibrium 60%RH	ASTM D570	%	0.6
Thermal			
Melting Point	ASTM D1525	℃	188
Heat Deflection Temperature under Load	ASTM D648		
HDT/A 0.45 MPa (4.6 kg/cm^2)		℃	74
Flammability	UL 94		HB
Mechanical			
Tensile Strength 23℃	ASTM D638	MPa (kg/cm^2)	23.5(240)
Tensile Elongation 23℃	ASTM D638	%	780
Flexural Modulus 23℃	ASTM D790	MPa (kg/cm^2)	118(1200)
Notched Izod Impact Strength 23℃	ASTM D256	J/m (kg·cm/cm)	N/B
Notched Izod Impact Strength -40℃	ASTM D256	J/m (kg·cm/cm)	N/B
Hardness,Durometer	ASTM D2240	D-Type	47

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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