

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

**KOLON PLASTICS, Inc.**