

Airbag Cover application Grade

KOPEL®

Polyester Elastomer Resin, Airbag Cover Application Grade

Property		Test Method	Units	Value
Physical				
Specific Gravity		ASTM D792	-	1.19
Melt Index	240 °C * 2160g	ASTM D1238	g/10min	16
shrinkage		ASTM D955	%	1.6
Water Absorption	23 °C, Equilibrium 60%RH	ASTM D4019	%	0.02
Thermal				
Melting Point		ASTM D3418	°C	190
Flammability		UL 94		H/B
Mechanical				
Tensile Strength	23 °C	ASTM D638	kg/cm ²	290
Tensile Elongation	23 °C	ASTM D638	%	470
Flexural Modulus	23 °C	ASTM D790	kg/cm ²	
Notched Izod Impact Strength	23 °C	ASTM D256	kg·cm/cm	N/B
	-40 °C	ASTM D256	kg·cm/cm	N/B
Hardness, Durometer		ASTM D2240	SHORE D-Type	56.0
Abrasion Resistance CS-17 WHEEL		ASTM D1044	mg/10 ³ cycles	10
Resilience			%	-

1) N.B : Not Breakable

