

Flame Retardant Grade

KOPET[®]

Flame retardant, Excellent extrudable and Spinning

Property		Test Method	Units	Value
Physical				
Specific Gravity		ASTM D792	-	1.7
Water Absorption	23 °C, Equilibrium 60%RH	ASTM D570	%	0.05
Thermal				
Melting Point		ASTM D3418	°C	254
Heat Deflection Temperature under Load		ASTM D648		
	HDT/A 0.45 MPa (4.6 kg/cm ²)		°C	103
Flammability		UL 94		V2
Mechanical				
Tensile Strength	23 °C	ASTM D638	kg/cm ²	690
Tensile Elongation	23 °C	ASTM D638	%	83
Flexural Strength	23 °C	ASTM D790	kg/cm ²	1,055
Flexural Modulus	23 °C	ASTM D790	kg/cm ²	27,000
Notched Izod Impact Strength	23 °C	ASTM D256	kg cm/cm	2.5

