

PRODUCT INFORMATION

PET Compound Grade

KOPET[®] KP513UGV0

Polyester compound resin,
High flow , Extruding Grade

Property		Test Method	Units	Value
Physical				
Specific Gravity		ASTM D792	-	1.6
Shrinkage		ASTM D955	%	0.22
I.V		OCP Method	dl/g	0.8
Water Absorption	23 °C , Equilibrium 60%RH	ASTM D570	%	0.1
Thermal				
Melting Point		ASTM D3418	°C	245
Flammability		UL 94		VO
Mechanical				
Tensile Strength	23 °C	ASTM D638	Mpa (Kg/cm2)	55(560)
Tensile Elongation	23 °C	ASTM D638	%	45
Flexural Strength	23 °C	ASTM D790	Mpa (Kg/cm2)	91(930)
Flexural Modulus	23 °C	ASTM D790	Mpa (Kg/cm2)	2400(24400)
Notched Izod Impact Strength	23 °C	ASTM D256	J/m (Kg cm/cm)	24(2.5)

**KOLON PLASTICS, Inc.**