KOLON PLASTICS, INC.

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℃, Equilibrium 60%RH	ASTM D570	%	0.1
Thermal				
Melting Point		ASTM D3418	℃	245
Flammability		UL 94		VO
Mechanical				
Tensile Strength	23℃	ASTM D638	Mpa (Kg/cm2)	55(560)
Tensile Elongation	23℃	ASTM D638	%	45
Flexural Strength	23℃	ASTM D790	Mpa (Kg/cm2)	91(930)
Flexural Modulus	23℃	ASTM D790	Mpa (Kg/cm2)	2400(24400)
Notched Izod Impact Strength	23℃	ASTM D256	J/m (Kg·cm/cm)	24(2.5)

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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