

PRODUCT INFORMATION

Injection Molding Grade

SPESIN[®] KP270HL

PBT resin, Injection Molding grade

Property		Test Method	Units	Value
Physical				
Specific Gravity		ASTM D792	-	1.31
Melt Index	250℃, 2.16Kg	ASTM D1238	g/min	18.50
Thermal				
Melting Point		ASTM D3418	℃	221
Coeff. Of Linear Thermal Expansion		ASTM D696	$\times 10^{-4}\text{cm/cm}\cdot^{\circ}\text{C}$	0.8
Flammability		UL 94		HB
Mechanical				
Tensile Strength	23℃	ASTM D638	kg/cm ²	570
Tensile Elongation	23℃	ASTM D638	%	110
Flexural Strength	23℃	ASTM D790	kg/cm ²	960
Flexural Modulus	23℃	ASTM D790	kg/cm ²	25,350
Notched Izod Impact Strength	23℃	ASTM D256	kg cm/cm	5.0



KOLON PLASTICS, Inc.

