

**SPESIN® KP270HL**

PBT

Kolon Industries

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength	<b>56</b>	MPa	ASTM D 638
Flexural Modulus	<b>2486</b>	MPa	ASTM D 790
Flexural Strength	<b>94</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>49</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Coefficient of Thermal Expansion, MD	<b>80</b>	E-6/K	ASTM D 696
Melting Temperature	<b>221</b>	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1310</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Regional Availability**

North America, Asia Pacific

**Chemical Resistance**

Hydrolytically Stable