

**KOPEL® KP3755**

TPE

Kolon Industries

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>12</b>	g/10min	ASTM D 1238
Temperature	<b>200</b>	°C	-
Load	<b>2.16</b>	kg	-
Mold Shrinkage, MD	<b>0.001</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>36</b>	MPa	ASTM D 638
Flexural Modulus	<b>172</b>	MPa	ASTM D 790
Shore D Hardness	<b>55</b>	-	ASTM D 2240
Taber Abrasion Resistance	<b>5</b>	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	<b>N</b>	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	<b>N</b>	J/m	ASTM D 256
Temperature	<b>-40</b>	°C	-
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
DTUL @ 66 psi	<b>100</b>	°C	ASTM D 648
Melting Temperature	<b>199</b>	°C	ASTM D 3418
<b>Other properties</b>			
Density	<b>1180</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Other Extrusion

**Regional Availability**

North America, Asia Pacific