

**KOPLA® KDCL1040**

PA66-CF40

KOPLA CO., LTD

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.004</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Charpy impact strength, +23°C	<b>68</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>19</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Tensile Modulus	<b>33700</b>	MPa	ASTM D 638
Tensile Strength	<b>330</b>	MPa	ASTM D 638
Flexural Modulus	<b>27500</b>	MPa	ASTM D 790
Flexural Strength	<b>480</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 122</b>	-	ASTM D 785
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
DTUL @ 264 psi	<b>250</b>	°C	ASTM D 648
Melting Temperature	<b>262</b>	°C	ASTM D 3418
<b>Other properties</b>			
Water Absorption, 24hr	<b>0.5</b>	%	ASTM D 570
Density	<b>1310</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

High impact or impact modified

**Features**

Creep Resistance

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

North America, Asia Pacific