

KOPEL® KP3640

TPE

Kolon Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength	8.8	MPa	ASTM D 638
Flexural Modulus	58.9	MPa	ASTM D 790
Shore D Hardness	33	-	ASTM D 2240
Taber Abrasion Resistance	40	mg/1000 cycles	ASTM D 1044
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Melting Temperature	175	°C	ASTM D 3418
Other properties			
ASTM Data			
Water Absorption, Equilibrium	0.7	%	ASTM D 570
Density	1100	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America, Asia Pacific