

KOPEL® KP3942BM

TPE

Kolon Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	240	°C	-
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	20	MPa	ASTM D 638
Flexural Strength	96	MPa	ASTM D 790
Shore D Hardness	41	-	ASTM D 2240
Taber Abrasion Resistance	3	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	420	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	N	J/m	ASTM D 256
Temperature	-40	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Melting Temperature	223	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1150	kg/m ³	ASTM D 792

Characteristics**Processing**

Blow Molding

Regional Availability

North America, Asia Pacific