

SB-740D

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5.5	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	21.6	MPa	ASTM D 638
Elongation at Break	500	%	ASTM D 638
Flexural Modulus	746	MPa	ASTM D 790
Rockwell Hardness	R 82	-	ASTM D 785
Izod Impact notched, 1/8 in	98.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	130	°C	ASTM D 3418
Vicat Temperature	115	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	65	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Film Extrusion

Special Characteristics

Transparent

Features

Copolymer, Random Copolymer

Certifications

US Pharmacopeia Class VI Approved

Applications

Medical, Packaging

Regional Availability

North America, Europe, Asia Pacific