

SB-520Y

PP

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.4	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	29	MPa	ASTM D 638
Elongation at Break	400	%	ASTM D 638
Flexural Modulus	1080	MPa	ASTM D 790
Izod Impact notched, 1/8 in	58	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	90	°C	ASTM D 648

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	30	%	ASTM D 1003

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

Characteristics**Processing**

Blow Molding

Special Characteristics

Heat stabilized or stable to heat, Transparent, Sterilizable, Steam sterilization

Features

High Gloss, Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved

Applications

Medical, Packaging

Regional Availability

North America, Europe, Asia Pacific