

Product Texts

Transparent/translucent medium viscosity grade for light diffusion. FDA compliant. Color package may affect performance.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10.8	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2300	MPa	ASTM D 638
Tensile Strength at Yield	61	MPa	ASTM D 638
Tensile Strength at Break	68	MPa	ASTM D 638
Elongation at Yield	6.2	%	ASTM D 638
Elongation at Break	128	%	ASTM D 638
Flexural Modulus	2340	MPa	ASTM D 790
Izod Impact notched, 1/8 in	854	J/m	ASTM D 256

Thermal properties

	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	137	°C	ASTM D 648
DTUL @ 264 psi	126	°C	ASTM D 648

Other properties

	Value	Unit	Test Standard
Density	1190	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent, Translucent

Features

Light Diffusing

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America, South and Central America