

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	49	MPa	ISO 527
Yield strain	4.1	%	ISO 527
Stress at break	30	MPa	ISO 527
Strain at break	240	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Flexural strength	64	MPa	ISO 178
Izod notched impact strength, +23°C	7.3	kJ/m ²	ISO 180/1A

ASTM Data			
Tensile Strength at Yield	44.6	MPa	ASTM D 638
Tensile Strength at Break	29.4	MPa	ASTM D 638
Elongation at Yield	4.5	%	ASTM D 638
Elongation at Break	250	%	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Flexural Strength	74	MPa	ASTM D 790
Rockwell Hardness	R 108	-	ASTM D 785
Izod Impact notched, 1/8 in	105	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	62	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	72	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	70	°C	ASTM D 648
DTUL @ 264 psi	62	°C	ASTM D 648

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	1	%	ASTM D 1003
Light Transmittance	90	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ASTM D 792

Characteristics

Processing
Film Extrusion, Sheet Extrusion

Certifications
Food contact, RoHS compliant

Special Characteristics
Transparent

Applications
Packaging

Chemical Resistance
General Chemical Resistance

Regional Availability
Europe