

FEATURES

- High Viscosity
- High Impact
- High Productivity
- Easy to Process
- FDA Rating: 21 CFR 177.1640

APPLICATIONS

- Sheet Extrusion
- Deep Draw Thermoforming
- Blends with GPPS
- Cups and plates

TYPICAL PROPERTY VALUES

Physical	English	Value	SI	Value	Test Method
Melt Flow Rate (200°C/5.0 kg)	g/10 min	3	g/ 10 min	3	ASTM D1238
Density	lb/ft ³	65	g/cm ³	1.04	ASTM D792
Mechanical					
Break Elongation	%	50	%	50	ASTM D638
Tensile Strength, Break	psi	3,050	MPa	21	ASTM D638
Tensile Modulus	kpsi	288	MPa	1,985	ASTM D638
(*) 0.2 in/min (5 mm/min)					
Impact					
Notched Izod Impact (0.125mm)	ft-lb _f /in	2.2	J/m	117	ASTM D256
Ignition Characteristics					
Flammability	-	HB	-	HB	UL 94
Thermal					
VICAT Softening Temperature (120°C/, 10 N)	°F	216	°C	102	ASTM D1525
Heat Deflection Temperature (264 psi unannealed)	°F	160	°C	71	ASTM D648

Properties reported in this data sheet are determined according to referred standard methods. Values shown represent averages from typical results measured in the laboratory and are provided only as a guide, not as specification limits.

EXTRUSION CONDITIONS

	°C	°F
Initial Zone	80	176
Feeding zone	180-190	356-374
Transport zone	190-200	374-392
Compression zone	200-210	392-410
Pumping zone	210-220	410-428
Melt	220	392

ADDITIONAL INFORMATION

Warning

Combustion of this material may cause hazardous fumes and gases that may be dangerous to health, especially in enclosed places. It should be noted that excessive heating or long residence time may cause degradation.

Note: The data contained herein is provided for information purposes only. By providing such information, Resirene S.A de C.V. makes no guarantee and does not assume any liability concerning the accuracy or completeness of such information and the results obtained with this product in any specific instance; because of this, expressly disclaims all implied warranties of merchantability or fitness to a particular purpose. Nothing contained herein shall be construed as a license to use the products of Resirene, S.A. de C.V in any manner that would infringe any patent.