

Injection Molding

Applications

- Compounding
- Blending
- Blow molding
- Thermoforming

Characteristics

- Excellent performance
- Good balance for blends and compounds

Product Description: LLDPE P20870 is designed to enable thermoplastic olefins (TPO) to meet a variety of performance targets, especially in the areas of low temperature impact, melt flow, melt strength, flexibility, and softness.

Property	Value	Unit	Method
Melt Index, MI ₂	30	g/10min	D 1238
Density	0.870	g/cc	D 792
Mooney Viscosity	2	MU	D1646
Total Crystallinity	21	%	
Durometer Hardness, Shore A	72		D 2240
Durometer Hardness, Shore D	20		D 2240
DSC Melting Peak	65	°C	
Glass Transition Temperature	-54	°C	
Haze	N.D.	%	D 1003
2% Secant Flexural Modulus	10.5	MPa	D 790
Ultimate Tensile Strength	2.8	MPa	D 638
Ultimate Elongation	>600	%	D 638

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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