

Generic POP

Polyolefin Plastomer
Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic POP
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.869 - 0.910	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90 - 3.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (23°C)	42 - 96		ASTM D2240
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	20 - 51	µm	
Tensile Strength			ASTM D882
MD: Fracture	29.5 - 58.6	MPa	ASTM D882
TD: Fracture	26.3 - 45.4	MPa	ASTM D882
Elmendorf Tear Strength			ASTM D1922
MD	78 - 590	g	ASTM D1922
TD	360 - 1300	g	ASTM D1922
Seal Initiation Temperature	79.1 - 96.0	°C	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	45.0 - 87.0	°C	ASTM D1525
Melting Temperature (DSC)	55.0 - 108	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gardner Gloss	108 - 134		ASTM D523
Gloss	66 - 145		ASTM D2457
Haze	0.70 - 10	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	204 - 302	°C	
Extrusion instructions			

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