

# Generic VLDPE

Very Low Density Polyethylene

Generic

Message:

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

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.884 to 0.905	g/cm³	ASTM D792
23°C	0.900 to 0.911	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			
190°C/2.16 kg	0.74 to 2.5	g/10 min	ASTM D1238
190°C/2.16 kg	0.80 to 13	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (23°C)	79 to 94		ASTM D2240
Films	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	49.0 to 100	MPa	ISO 527-3
Tensile Stress			ISO 527-3
Yield, 23°C	5.00 to 7.00	MPa	
Break, 23°C	30.6 to 32.4	MPa	
Tensile Elongation (Break, 23°C)	490 to 800	%	ISO 527-3
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.7 to -70.0	°C	ASTM D746
Vicat Softening Temperature	38.0 to 88.0	°C	ISO 306
Melting Temperature			
--	110 to 120	°C	
--	114 to 119	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gloss	26 to 84		ASTM D2457
Haze	1.5 to 30	%	ASTM D1003

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