

DOW™ HDPE 8262B

High Density Polyethylene Resin

The Dow Chemical Company

Message:

DOW™ HDPE 8262B is a High Density Polyethylene Resin material. It is available in Latin America.

Important attributes of DOW™ HDPE 8262B are:

Antiblock

Processing Aid

Slip

Typical application of DOW™ HDPE 8262B: Food Contact Applications

General Information			
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 100% Igepal)	3.00	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	29.0	MPa	
Break	17.0	MPa	
Tensile Elongation (Break)	670	%	ASTM D638
Flexural Modulus	1110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	15	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	130	°C	ASTM D1525
Injection	Nominal Value	Unit	Test Method
Processing (Melt) Temp	190 to 270	°C	
Mold Temperature	10.0 to 21.0	°C	

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