

Multi-Pro® SDC 1200 D

High Density Polyethylene
Multibase, A Dow Corning Company

Message:

Multi-Pro® SDC 1200 D is a High Density Polyethylene product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Good Dimensional Stability

Good Processability

General Information			
Features	Good Dimensional Stability		
	Good Processability		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	19.3	MPa	ASTM D638
Tensile Elongation (Break)	550	%	ASTM D638
Flexural Modulus	1250	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	530	J/m	ASTM D256
Gardner Impact	22.6	J	ASTM D5420
Injection	Nominal Value	Unit	Test Method
Drying Temperature	82.2	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	204	°C	
Middle Temperature	210	°C	
Front Temperature	216	°C	
Nozzle Temperature	216	°C	
Processing (Melt) Temp	216	°C	
Mold Temperature	26.7 to 43.3	°C	
Injection Rate	Moderate-Fast		
Extrusion	Nominal Value	Unit	Test Method
Cylinder Zone 1 Temp.	204	°C	
Cylinder Zone 3 Temp.	210	°C	
Cylinder Zone 5 Temp.	216	°C	
Melt Temperature	216	°C	
Die Temperature	216	°C	

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