

Multi-Flam™ 2903

Low Density Polyethylene
Multibase, A Dow Corning Company

Message:

Multi-Flam™ 2903 is a Low Density Polyethylene product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Characteristics include:
Flame Retardant
Good Processability

General Information			
UL YellowCard	E143399-223293		
Features	Flame Retardant		
	Good Colorability		
	Good Processability		
	Halogenated		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13.8	MPa	ASTM D638
Tensile Elongation (Break)	370	%	ASTM D638
Flexural Strength	10.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	640	J/m	ASTM D256
Gardner Impact	18.1	J	ASTM D5420
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	207	°C	
Middle Temperature	210	°C	
Front Temperature	216	°C	
Nozzle Temperature	221	°C	
Processing (Melt) Temp	227	°C	
Mold Temperature	32.2 to 48.9	°C	
Injection Rate	Moderate-Fast		
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	204	°C	
Cylinder Zone 3 Temp.	213	°C	

Cylinder Zone 5 Temp.	221	°C
Melt Temperature	227	°C
Die Temperature	227	°C

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Recommended distributors for this material

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