

Delas 180

Polyvinyl Chloride + NBR
Shanghai Lin Gen Rubber Materials Co., Ltd.

Message:

Delas 180 is a PVC NBR material. This product is available in the Asia-Pacific region and is processed by extrusion or injection molding. The main characteristics of Delas 180 are: chemical resistance.
The typical application field of Delas 180 is: wire and cable

General Information	
Features	Oil resistance
Uses	Wire and cable applications
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	80		ASTM D2240

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.7	MPa	ASTM D412
Tensile Elongation (Break)	390	%	ASTM D412
Tear Strength	38.0	kN/m	ASTM D624
Compression Set (70°C)	64	%	ASTM D395

Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-22 - 80	°C	ASTM D746
Tear Permanent Deformation	70	%	ASTM D412

Injection	Nominal Value	Unit
Drying Temperature	80	°C
Drying Time	4.0	hr
Rear Temperature	140 - 150	°C
Middle Temperature	150 - 160	°C
Front Temperature	160 - 170	°C
Nozzle Temperature	170 - 180	°C
Mold Temperature	10 - 50	°C
Back Pressure	0.0700 - 1.00	MPa
Screw Speed	100 - 200	rpm

Extrusion instructions
Feed Zone: 140 - 150 °CFeed Section : 150 - 160 °CMetering Section: 160 - 170 °CFront Temperature: 170 - 180 °CMold Temperature: 170 - 180 °CFilter: 20-60 mesh

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Recommended distributors for this material

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