Delas 190

Polyvinyl Chloride + NBR

Shanghai Lin Gen Rubber Materials Co., Ltd.

Message:

Delas 190 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 190 are: chemical resistance.
The typical application field of Delas 190 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	1.26	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 5 sec)	90		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	15.5	MPa	ASTM D412
Tensile Elongation (Break)	330	%	ASTM D412
Tear Strength	42.0	kN/m	ASTM D624
Compression Set (70°C)	65	%	ASTM D395
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Operating Temperature	-15 - 80	°C	ASTM D746
Tear Permanent Deformation	75	%	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

Recommended distributors for this material

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