

# Deprene 253-50

Polypropylene + EPDM Rubber  
Shanghai Lin Gen Rubber Materials Co., Ltd.

Message:

Deprene 253-50 is a polypropylene EPDM rubber (PP EPDM) material. This product is available in the Asia-Pacific region and is processed by extrusion or injection molding.

The main features of Deprene 253-50 are:

- flame retardant/rated flame
- Flame Retardant
- Good flexibility
- chemical resistance

Typical application areas include:

- Wire and cable
- Sealing applications
- Hose

General Information			
Features	Good flexibility		
	Good chemical resistance		
	Flame retardancy		
Uses	Wire and cable applications		
	Pipe		
	Seals		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm <sup>3</sup>	ASTM D297
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 5 sec)	50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	13.0	MPa	ASTM D412
Tensile Elongation (Break)	200	%	ASTM D412
Tear Strength	71.0	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
Flammability	Nominal Value		Test Method
Flame Rating (3.0 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80 - 90	°C	
Drying Time	2.0 - 4.0	hr	

Processing (Melt) Temp	190 - 250	°C
Injection Pressure	40.0 - 60.0	MPa
Extrusion	Nominal Value	Unit
Melt Temperature	170 - 230	°C

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#### Recommended distributors for this material

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