

DynaChar™ C112

Polyolefin

Polymer Dynamix

Message:

- Flame Retardant TPO
- Features
- Excellent Chemical Resistance
- Low Temperature Properties
- Ultra Low Smoke and Toxicity FR Properties
- VW1
- Easy extrusion for insulation or jacket
- Applications:
- Wire and Cable
- Industrial
- Aerospace

General Information			
Features	Flame Retardant		
	Good Chemical Resistance		
	Low Smoke Emission		
	Low Temperature Resistant		
	Low Toxicity		
Uses	Aerospace Applications		
	Industrial Applications		
	Insulation		
	Wire & Cable Applications		
Wire Types	VW-1		
Processing Method	Wire & Cable Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	103	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.9	MPa	ASTM D412
Tensile Elongation (Break)	> 150	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	110	°C	DSC
Flammability	Nominal Value	Unit	Test Method

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