

DynaChar™ 5565-C

Thermoplastic Elastomer

Polymer Dynamix

Message:

- Flame Retardant TPE
- Features:
 - Excellent Chemical Resistance
 - Low Temperature Properties
 - Ultra Low Smoke and Toxicity
- Applications:
 - Wire & Cable
 - Industrial
 - Aerospace

General Information	
Additive	Flame Retardant
Features	Flame Retardant
	Good Chemical Resistance
	Low Smoke Emission
	Low Temperature Impact Resistance
	Low Temperature Strength
	Low Temperature Toughness
Uses	Low Toxicity
	Aerospace Applications
	Industrial Applications
	Wire & Cable Applications

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.1 kg)	13 to 15	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	31.0	MPa	ASTM D638
Tensile Elongation (Break)	> 250	%	ASTM D638
Flexural Modulus	23.8	MPa	ASTM D790
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-0		UL 94

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