



Maxxam™ FR WC 0587-21 BE1 RoHS

Polypropylene

Key Characteristics

Product Description

Maxxam FR WC 0587-21 BE1 RoHS is a flame retardant polyolefin compound characterized by low flame spread and good processability. Designed for thin wall primary wire applications.

General

Material Status	• Commercial: Active
Regional Availability	• North America
Features	• Flame Retardant
Uses	• Wire & Cable Applications
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Extrusion

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.46	1.46	ASTM D792
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ^{2, 3} (Break)	2300 psi	15.9 MPa	ASTM D412
Tensile Elongation ^{2, 3} (Break)	320 %	320 %	ASTM D412
Electrical	Typical Value (English)	Typical Value (SI)	Test Method
Dielectric Constant ⁴ 0.100 in (2.54 mm), 10 kHz	2.70	2.70	ASTM D150
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
Flame Rating molded specimen, 1/16" thickness	V-0	V-0	UL 94
Oxygen Index	34 %	34 %	ASTM D2863

Additional Information

UL Yellow Card approval for Plenum cable compounds - Component (E249041)

Notes

¹ Typical values are not to be construed as specifications.

² 20 in/min (510 mm/min)

³ Tensile and elongation values are largely determined by processing parameters of the end user.

⁴ QuadTech™ Digibridge

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