



Maxxam™ FR WC 0587-21 R3 RoHS

Polypropylene

Key Characteristics

Product Description

Maxxam FR WC 0587-21 R3 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 (10 MHz)	2.86	2.86	ASTM D150
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
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.

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