

# Sylvin 5416-85 Natural

Thermoplastic Elastomer

Sylvin Technologies Incorporated

Message:

Sylvin 5416-85 Natural Is A RoHS Compliant Thermoplastic Elastomer Compound Formulated For Wire Insulation Applications.

General Information			
Uses	Wire and cable applications		
	Insulating material		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	85		ASTM D2240
Shaw A, 10 seconds	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.9	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-20.0	°C	ASTM D746
Melting Temperature	168 - 179	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

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