

FR 4830

PE

Borealis A/S

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Shore D Hardness	50	-	ASTM D 2240
Tensile Strength	16	MPa	ASTM D 412
Elongation at Break	220	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Limiting Oxygen Index	25	%	ASTM D 2863

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	22	kV/mm	ASTM D 149
Dissipation Factor, 60 Hz	0.01	-	ASTM D 150
Dielectric Constant, 60 Hz	3.7	-	ASTM D 150

Other properties	Value	Unit	Test Standard
Density	1400	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	55	°C	-
Pre-drying - Time	2 - 8	h	-
Melt temperature	125	°C	-
Zone 1	96	°C	-
Zone 2	110	°C	-

Characteristics**Processing**

Wire/Cable Extrusion, Other Extrusion

Special Characteristics

Flame retardant, Halogen-free

Features

Crosslinkable

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa