

# DERAY<sup>®</sup>-SpliceMelt - Americas

Adhesive lined crosslinked polyolefin



PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Physical		
Tensile Strength	ASTM D2671, IEC 811-1-1	Black: 2,300 psi (17 MPa); Clear: 2,000 psi (15 MPa)
Elongation	ASTM D2671, IEC 811-1-1	Black: 320% Black; Clear: 400%
Longitudinal Change	ASTM D2671	10% max.
Specific Gravity	ASTM D792	Black: 1.25 Black; Clear: 1.0
Elongation after Heat Aging (168 hr at 158°C)	ASTM D2671, IEC 811-1-1	Black: 320%; Clear: 400%
Heat Shock (160 hr at 200°C)	ASTM D2671, IEC 811-1-2	No cracking or flowing
Low Temperature Flexibility (4 hr at -55°C)	ASTM D2671	No cracking or splitting
Flammability	ASTM D2671, FMVSS 302	Flame Retardant (except Clear), Passed
Electrical		
Dielectric Strength	ASTM D2671, VDE 0303	Black: 450 V/mil (18 kV/mm); Clear: 500V/mil (20 kV/mm)

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Volume Resistivity	ASTM D2671, VDE 0303	10 <sup>14</sup> ohm-cm
Chemical		
Fluid Resistivity	SAE-AMS-DTL-23053/4	Good
Corrosive Action	ASTM D2671, Method A	No Corrosion
Copper Corrosion	ASTM D2671, Method B	No Corrosion
Water Absorption	ASTM D570, VDE 0472	Good

Version: 01 2018/JAN/02