

DATASHEET

ASTM Property



Grade	EM-510M
Product	ADPOLY

General Information

Key Features	- LLDPE-based adhesive resin - This grade shows a strong adhesion to Al, steel and stainless steel
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Applications	Steel/stainless steel pipe coating, wire & cable compound
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Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	1.0
Density	ASTM D1505	g/cm ³	0.925
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	145
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	4,600
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	N.B.
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	109
Melting Temperature	DSC	°C	128

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01