

DATASHEET

ASTM Property



Grade	EM-101
Product	ADPOLY

General Information			
Key Features	- HDPE-based adhesive resin - This grade shows a strong adhesion to PA, flame retardant (MDH, ATH)		
Applications	Flame retarded wire & cable compound, polymer compatibilizer, polymer modifier		
Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	1.6
Density	ASTM D1505	g/cm ³	0.95
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	290
Tensile Strain (Break)	ASTM D638	%	100
Flexural Modulus	ASTM D790	kgf/cm ²	12,300
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	7.7
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	126
Melting Temperature	DSC	°C	131

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

* The last update date : 2021/10/01