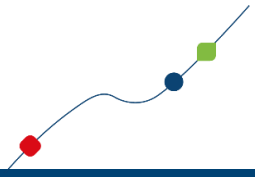
DATASHEET

ASTM Property



LOTTE CHEMICAL

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 modifider

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	1.6
Density	ASTM D1505	g/㎤	0.95
	Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/㎠	290
Tensile Strain (Break)	ASTM D638	%	100
Flexural Modulus	ASTM D790	kgf/㎠	12,300
	Impact		
Izod Impact Strength(notched) (23℃)	ASTM D256	kgf·㎝/㎝	7.7
	Thermal		
VICAT Softening Temperature	ASTM D1525	℃	126
Melting Temperature	DSC	℃	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