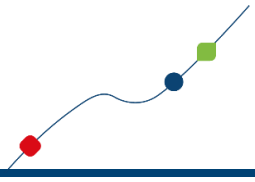
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	EM-700
Product	ADPOLY

General Information	
Key Features	- LLDPE-based adhesive resin - This grade shows a strong adhesion to Al and steel
Applications	Steel pipe coating, Al composite panel

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	2.5
Density	ASTM D1505	g/㎤	0.94
	Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/㎠	160
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	1,200
	Impact		
Izod Impact Strength(notched) (23℃)	ASTM D256	kgf·㎝/㎝	10.5
	Thermal		
VICAT Softening Temperature	ASTM D1525	℃	108
Melting Temperature	DSC	℃	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