

Adpoly EV-600

Adhesive Resin

General Information

Description

EV-600 is EVA based adhesive resin containing anhydride.

This grade shows strong adhesion to PE, EVA, aluminum, and it has polyolefin-like properties. In addition, its processability is excellent.

EV-600 is mainly intended for use as a adhesive resin in automobile head liner.

Applications

- ◆ Automobile headliner

Physical Properties¹

General Properties	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	10~15	g/10min		
Density	ASTM D792	0.94	g/cm ³		
Mechanical Properties					
Tensile Stress (Yield)	ASTM D638	63	kgf/cm ²	6.2	MPa
Elongation	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	1800	kgf/cm ²	176	MPa
Flexural Strength	ASTM D790	67	kgf/cm ²	6.6	MPa
Notched Izod Impact Strength (23℃)	ASTM D256	36	kgf·cm/cm	-	J/m
Hardness	ASTM D2240	32	Shore D		
Thermal Properties					
VICAT Softening Point	ASTM D1525	60	℃		
Additional Properties					
Adhesion Strength	ASTM D903	>4	kgf/2cm		

Note

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications