

	<u>Physical Properties</u>	수정일자	2013. 05. 27
		LOTTE CHEMICAL RESEARCH INSTITUTE 115 Gajeong-book St. Yusung, Dajeon TEL) 042-879-1261,1262	

# Adpoly CM-1120H

## Adhesive Resin

### General Information

#### ● Description

CM-1120H is PP based adhesive resin containing anhydride.

This grade shows good compatibility to PP, PA, G/F, inorganic filler, wood fiber, and it has polyolefin-like properties. In addition, its processability and transparency are excellent.

CM-1120H is mainly intended for use as a coupling agent in conventional extrusion.

#### ● Applications

- ◆ Coupling agent for PP, PA, G/F, etc.
- ◆ Alloy compatibilizer

### Physical Properties<sup>1</sup>

General Properties	Test Method	Nominal Values			
Melt Flow Index(at 230°C)	ASTM D1238	50~100	g/10min		
Density	ASTM D792	0.90	g/cm <sup>3</sup>		
Mechanical Properties					
Tensile Stress (Yield)	ASTM D638	340	kgf/cm <sup>2</sup>	33	MPa
Elongation	ASTM D638	> 500	%	> 500	%
Flexural Modulus	ASTM D790	15000	kgf/cm <sup>2</sup>	1470	MPa
Flexural Strength	ASTM D790	450	kgf/cm <sup>2</sup>	44	MPa
Notched Izod Impact Strength (23°C)	ASTM D256	2	kgf·cm/cm	-	J/m
Hardness	ASTM D2240	65	Shore D		
Thermal Properties					
VICAT Softening Point	ASTM D1525	152	°C		

#### Note

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications