

ADPOLY CM-1120H

Polypropylene
Lotte Chemical Corporation

Message:

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.

General Information			
Features	Good Adhesion		
	Good Processability		
	High Clarity		
Uses	Adhesives		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50 to 100	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.3	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Flexural Strength	44.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	152	°C	ASTM D1525

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