

Lushan M-20A

Polyolefin

Guangzhou Lushan New Materials Co., Ltd

Message:

Adhesive Resin for Multi-layer Oxygen Barrier Pipe

Adhesive resin Lushan series for multi-layer oxygen barrier pipe is a modified polyolefin with functional groups. It's designed to bond to a variety of barrier materials, such as nylon and ethylene vinyl alcohol (EVOH), etc.

Adhesive resin Lushan M-20A &M-12A have goods properties as below:

High bonding strength,

A wide range of bonding ,

Excellent chemical bonding with barrier materials EVOH & Nylon,

Excellent heat resistance, weather resistance, chemical resistance,

Excellent mechanical properties,

Easy processing for adhesive resin,

Hygiene and safety, non-toxic residues for adhesive resin, etc.

Application: EVOH & Nylon

General Information			
Features	Bondability		
	Good Chemical Resistance		
	Good Processability		
	Good Weather Resistance		
	High Heat Resistance		
	Oxygen Barrier		
Uses	Adhesives		
	Piping		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.909	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Water Content	0.060	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.0	MPa	ASTM D638
Tensile Elongation (Break)	750	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	75.0	°C	ASTM D1525
Peak Melting Temperature	120	°C	ASTM D2117

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