

# HANWHA LDPE 5322

Low Density Polyethylene

Hanwha Chemical

Message:

HANWHA LDPE 5322 is manufactured by tubular process and designed for variety of extrusion foam application such as mat, cushioning package etc.. LDPE 5322 is well known for its excellent processing characteristics and high quality assurance.

General Information			
Additive	Antioxidant		
	Slip		
Features	Antioxidant		
	Foamable		
	Good Processability		
	Good Strength		
	Slip		
Uses	Foam		
	Packaging		
Forms	Pellets		
Processing Method	Extrusion		
	Foam Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.6	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	48		ASTM D1706
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	10.8	MPa	
Break	12.7	MPa	
Tensile Elongation (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	88.0	°C	ASTM D1525
Melting Temperature	109	°C	DSC
Extrusion	Nominal Value	Unit	
Melt Temperature	170 to 210	°C	

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