

Hanwha Total PP LH72S

Polypropylene Homopolymer
HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:
LH72S is a homopolymer polypropylene resin for extrusion coating applications. This grade is designed for conventional T-die extrusion coating process.

General Information			
Features	Low speed solidification crystal point		
	Homopolymer		
	Workability, good		
	Good liquidity		
	Good adhesion		
	Low shrinkage		
Uses	Laminate		
	Bags		
	Coating application		
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.4	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	1230	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	143	°C	ASTM D1525
Melting Temperature	151	°C	
Additional Information			
Total Ethylene Content, SAC Method: 18 wt%			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	190 - 260	°C	
Cylinder Zone 2 Temp.	190 - 260	°C	
Cylinder Zone 3 Temp.	190 - 260	°C	

Cylinder Zone 4 Temp.	190 - 260	°C
Cylinder Zone 5 Temp.	190 - 260	°C
Adapter Temperature	290 - 310	°C
Die Temperature	290 - 310	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

