

# SEETEC PP H7700

Polypropylene Homopolymer  
LG Chem Ltd.

Message:

Application  
hygiene, medical and industrial  
Feature

Seetec H7700 is designed for the extrusion of fine fibres with the spunbond technology. This grade is characterised by very narrow molecular weight distribution(MWD), with anti-gas fading stabilization. SEETEC H7700 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

General Information			
Additive	Anti-gas fading		
Features	Acid Resistant		
	Narrow Molecular Weight Distribution		
Uses	Fibers		
	Industrial Applications		
	Medical Devices		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	34	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	34.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	> 500	%	ASTM D638
Flexural Modulus <sup>3</sup>	1600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Vicat Softening Temperature	151	°C	ASTM D1525 <sup>4</sup>
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	28 mm/min		
4.	Loading 1 (10 N)		

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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

