

# Daelim Po1y® 5502HS

High Density Polyethylene  
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® 5502HS is a High Density Polyethylene product. It can be processed by blow molding and is available in Asia Pacific. Applications of Daelim Po1y® 5502HS include containers and food contact applications.

Characteristics include:

Food Contact Acceptable

Good Processability

High Stiffness

Impact Resistant

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Ultra High Impact Resistance		
	Ultra High Stiffness		
Uses	Containers		
Agency Ratings	ASTM D 1248, IV, Class A, Cat. 5		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.18	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	50.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.4	MPa	ASTM D638
Tensile Elongation (Break)	> 600	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-20°C)	690	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 200	°C	

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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



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