

Taitarex® 616

High Impact Polystyrene

Taita Chemical Company, Ltd.

Message:

Taitarex® 616 is a High Impact Polystyrene material. It is available in Asia Pacific or North America for extrusion.

Important attributes of Taitarex® 616 are:

Flame Rated

Good Processability

Heat Resistant

High Flow

Impact Resistant

Typical application of Taitarex® 616: Sheet

General Information			
UL YellowCard	E50263-538145		
Features	Good Color Stability		
	Good Processability		
	Good Thermal Stability		
	High Flow		
	Ultra High Impact Resistance		
Uses	Sheet		
UL File Number	E50263		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D542
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C, 3.18 mm)	25.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
23°C ²	88	J/m	
23°C ³	140	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	102	°C	ASTM D1525 ⁴
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94
Optical	Nominal Value	Unit	
Yellowness Index	-4.0	YI	
Additional Information	Nominal Value	Unit	

Residual Monomer - SM	< 800	ppm
NOTE		
1.	5.0 mm/min	
2.	1/4"x1/2"x5/2"	
3.	1/8"x1/2"x5/2"	
4.	Rate B (120°C/h), Loading 1 (10 N)	

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

