

DELPET™ LP-1

Polymethyl Methacrylate Acrylic
Asahi Kasei Chemicals Corporation

Message:

DELPET™ LP-1 is a Polymethyl Methacrylate Acrylic product. It is available in Africa & Middle East, Asia Pacific, or Europe.

General Information			
UL YellowCard	E48285-240957		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	1.1	g/10 min	ISO 1133
Spiral Flow	24.0	cm	Internal Method
Molding Shrinkage	0.20 to 0.60	%	Internal Method
Water Absorption (Equilibrium, 23°C, 50% RH)	0.30	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	95		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3300	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	77.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	8.0	%	ISO 527-2/1A/5
Flexural Modulus	3300	MPa	ISO 178
Flexural Stress	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	1.4	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	22	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	104	°C	ISO 306/B50
Heat Deflection Temperature	97	°C	ISO 75-2
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.490		ISO 489
Transmittance (Total)	92.0	%	ISO 13468-1

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

