DaelimPoly

LH3750M

Description

Characteristics	▪ Excellent Stiffness ▪ Excellent Impact Strength at lower Temperature ▪ Excellent Thermal Resistance	▪ High Clarity ▪ Excellent Dimensional Stability ▪ Shortening the Cycle Time
Applications	▪ Water Tanks ▪ Drums	▪ Buoys ▪ Toys
Processing Recommendation	Processing Temperature 200 ~ 280℃	
Specification data	Complies with FDA 21 CFR 177. 1520	

Physical Properties

Resin Properties	Unit	Test Method	LH3750M
Density	g/㎤	ASTM D1505	0.937
Melt Index (190℃, 2.16kg)	g/10min	ASTM D1238	5.0
Vicat Softening Temperature	℃	ASTM D1525	118
Melting Temperature	℃	ASTM D3418	124
Additives	-	-	AO, UV
Sheet Properties	**Unit**	**Test Method**	**LH3750M**
Tensile Strength at Break	kg/㎠	ASTM D638	210
Elongation at Break	%	ASTM D638	850
Flexural Modulus	kg/㎠	ASTM D790	6,500
Izod Impact Strength (Notch, 23℃)	kg-㎝/㎝	ASTM D256	20
HDT (0.45MPa)	℃	ASTM D648	70
Gloss (60˚)	-	ASTM D2457	85

1. Physical properties reported herein were determined on compression molded specimens prepared in accordance with ASTM D4703
2. Additives : AO (Antioxidant), UV (UV Stabilizer)
3. These are typical properties only and are not to be construed as specifications.

*NOTICE: Prior to use for any commercial purpose, the customer is fully responsible for determining its suitability for intended application and for ensuring its disposal practices are in compliance with applicable laws and other governmental enactments. DAELIM assumes no obligation or liability in this regard.
NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.