Pro-fax PI674

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Profax PI674 is a special grade homopolymer designed for compression molding processes; it contains additives that facilitate the processing of the resin. This resin can also be used on general extrusion, injection and blow-molding. Profax PI674 is available in pellet form.
The base resin in this product meets the requirements of the FDA contained in the Code of Federal Regulations in 21 CFR 177.1520.

General Information	
Additive	Unspecified Stabilizer
Features	Fast Molding Cycle Food Contact Acceptable General Purpose Good Processability Good Processing Stability High Melt Stability Homopolymer Low Odor Transfer Low Taste Transfer
Uses	Bottles Caps Closures General Purpose Monofilaments
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Blow Molding Compression Molding Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.5	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1550	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
Peak Melting Temperature	164	°C	ASTM D3417
Peak Crystallization Temperature (DSC)	126	°C	ASTM D3417

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