

Pro-fax PD626

聚丙烯均聚物

LyondellBasell Industries

Technical Data

产品说明

"Pro-fax" PD626 radiation resistant, controlled rheology, polypropylene homopolymer resin is designed for injection molding applications. "Pro-fax" PD626 resin resists yellowing and embrittlement after an effective dose of sterilizing radiation. However, since performance and appearance after radiation sterilization can be sensitive to design and processing choices, the users should verify performance in their application. Typical applications include cosmetic containers, medical appliances, caps and closures.

Without exception, all potential activities for applications in the pharmaceutical, medical device, laboratory and diagnostics area have to be discussed with the relevant Basell Technical (P & AD) and Business contacts first, www.basell.com.

总体

性能特点	- 均聚物 - 抗辐射性	- 可辐射消毒 - 可加工性，良好	良好的颜色稳定性
用途	- 护罩 - 容器	- 外壳 - 医疗器械	
形式	颗粒料		

物理性能	额定值	单位制	测试方法
比重	0.900	g/cm³	ASTM D792B
熔流率 (230°C/2.16 kg)	12	g/10 min	ASTM D1238
机械性能	额定值	单位制	测试方法
抗张强度 ³ (屈服)	31.0	MPa	ASTM D638
伸长率 (屈服)	13	%	ASTM D638
弯曲模量 - 1% 正割 ⁴	1100	MPa	ASTM D790A
冲击性能	额定值	单位制	测试方法
悬壁梁缺口冲击强度 (23°C)	37	J/m	ASTM D256A
硬度	额定值	单位制	测试方法
洛氏硬度 (R 计秤)	86		ASTM D785
热性能	额定值	单位制	测试方法
热变形温度 (0.45 MPa, 未退火)	82.8	°C	ASTM D648

