

ELTEX® MED HD5226EA-M

高密度聚乙烯共聚物

INEOS Olefins & Polymers Europe

Technical Data

产品说明

ELTEX® MED HD5226EA-M is a high density polyethylene copolymer with a narrow molecular weight distribution, suitable for thin-wall injection moulding and fast-cycling applications. It allows high flow and low warpage during processing.

ELTEX® MED HD5226EA-M is produced according to Good Manufacturing Practices, and is available in granular form.

Applications

ELTEX® MED HD5226EA-M is especially recommended for manufacturing syringe components by injection moulding. It can also be used for manufacturing thin-walled containers and Caps & Closures intended for the primary packaging of medical and pharmaceutical applications.

总览

特性	<ul style="list-style-type: none"> 低翘曲性 高密度 	<ul style="list-style-type: none"> 共聚物 快的成型周期 	<ul style="list-style-type: none"> 流动性高 窄分子量分布
用途	<ul style="list-style-type: none"> 薄壁容器 护罩 皮下注射器零件 	<ul style="list-style-type: none"> 外壳 药品包装 药物 	<ul style="list-style-type: none"> 医用包装
机构评级	<ul style="list-style-type: none"> EP Monograph 3.1.5 	<ul style="list-style-type: none"> USP 88 	<ul style="list-style-type: none"> USP 第 VI 类
RoHS 合规性	<ul style="list-style-type: none"> 联系制造商 		
形式	<ul style="list-style-type: none"> 颗粒 		
加工方法	<ul style="list-style-type: none"> 注射成型 		

物理性能	额定值	单位制	测试方法
密度 (23°C)	0.953	g/cm ³	ISO 1183
熔流率 (熔体流动速率) (190°C/2.16 kg)	26	g/10 min	ISO 1133
抗环境应力开裂 (23°C)	8.00	hr	ASTM D1693
机械性能	额定值	单位制	测试方法
拉伸模量 (23°C)	1150	MPa	ISO 527-2/1
拉伸应力 (屈服, 23°C)	26.0	MPa	ISO 527-2
冲击性能	额定值	单位制	测试方法
简支梁缺口冲击强度 (23°C)	2.5	kJ/m ²	ISO 179/1eA