

REPOL® H110MS

聚丙烯

Reliance Industries Limited

Technical Data

产品说明

REPOL Polypropylene H110MS is manufactured using Unipol PP process which combines the production efficiency of gas phase fluidized bed reactor technology with the high activity stereospecific catalyst system.

Repol H110MS is recommended for Injection Moulding processes. Repol H110MS is an ideal choice for moulding furnitures. It is also suitable for applications where high stiffness is desired. Repol H110MS contains antistat agent that reduces static charge build-up on products

总体

性能特点	<ul style="list-style-type: none">刚性，高可加工性，良好	<ul style="list-style-type: none">良好的加工稳定性食品接触的合规性
机构评级	<ul style="list-style-type: none">FDA 21 CFR 177.1520	<ul style="list-style-type: none">USP XXIII, Class VI
形式	<ul style="list-style-type: none">颗粒料	
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
熔流率 (230°C/2.16 kg)	11 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, 注塑)	36.0 MPa		ASTM D638
伸长率 ³ (屈服, 注塑)	10 %		ASTM D638
弯曲模量 - 1% 正割 ⁴ (注塑)	1750 MPa		ASTM D790A
冲击性能	额定值	单位制	测试方法
悬臂梁缺口冲击强度 (23°C, 注塑)	35 J/m		ASTM D256
热性能	额定值	单位制	测试方法
热变形温度 (1.8 MPa, 未退火)	120 °C		ASTM D648

补充信息

The values listed were tested in accordance with ASTM D4101