

Moplen Z30S

聚丙烯均聚物

Shazand (Arak) Petrochemical Corporation

产品说明

Moplen Z30S is a high melt flow homo-polymer polypropylene for the production of CF, BCF and staple fibres at medium to high spinning speeds. Moplen Z30S offers a high homogeneity, stable extrusion and excellent processability on both short and long spinning lines. This grade allows a high stretch ratio and gives tough and resilient fibres.

Moplen Z30S is suitable for low denier staple fibres for non-woven fabrics, diapers, medical-sanitary applications and wipes. Another typical application is high tenacity continues filament for straps for backpacks, handles for big and safety belts. Continues filament with medium tenacity is used for upholstery, sportswear and heavy duty clothing. Moplen Z30S is also suited for the production of bulked continues filament for thermo bonding and carpets.

* Moplen Z30S is suitable for food contact.

基本信息				
特性	均聚物 韧性良好	可加工性,良好 食品接触的合规性	良好的拉伸性 有弹性	流动性高
用途	传送带修补 卫浴产品 织物	地毯背衬 无纺布	短纤维 细丝	皮带材料 纤维
加工方法	细丝挤出			

物理性能	额定值	单位制	测试方法
熔流率(熔体流动速率) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
硬度	额定值	单位制	测试方法
洛氏硬度 (R 级)	100		ASTM D785
机械性能	额定值	单位制	测试方法
抗张强度 (屈服)	32.0	MPa	ASTM D638
伸长率 (屈服)	13	%	ASTM D638
弯曲模量	1500	MPa	ASTM D790
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)	30	J/m	ASTM D256
老化	额定值	单位制	测试方法
Oven Aging (150°C)	6.3	day	ASTM D3012
热性能	额定值	单位制	测试方法
载荷下热变形温度 (0.45 MPa, 未退火)	94.0	°C	ASTM D648
维卡软化温度	152	°C	ASTM D1525 ¹

备注	
1.	压力1 (10N)