

Petrochina Lanzhou Petrochemical company

Product quality inspection sheet

Analysis project	measured results	test method
Density,g/cm <sup>3</sup> (23℃)	0.925	ISO1183-2
Melt Flow Rate,g/10min(190℃ /2.16kg)	4	ISO1133-1
Melting point, °C	111	ISO11357-3
Vica softening temperatureA/50, °C	94	ISO306
Tensile Modulus of Elasticity,Mpa	280	ISO527-2
Stress at Yield,Mpa	11	ISO527-2
Shore D hardness	48	ISO868
Max. tensile strength MD,Mpa	21	ISO527-3
Max. tensile strength TD,Mpa	19	ISO527-3
Maximum elongation MD, %	550	ISO527-3
Maximum elongation TD, %	700	ISO527-3
Dart Drop Impact, g	100	ISO 7765-1
gloss(60° )	115	ASTM D2457
Haze (40μm film), %	7.5	ASTM D1003
Coefficient of friction, %	0.12	ISO8295

Recommended Processing: Melt temperature: 150-190℃ Injection molding temperature: 150-190℃ Film thickness: 15-40μm