

Petrochina Lanzhou Petrochemical company

Product quality inspection sheet

Analysis project	Qualitative index	measured results	test method
Rockwell Hardness R scale, -	≥ 100	110	ASTM D785-2008
Large grains,g/kg	≤ 5	1	SH/T 1541.1-2019
small grains,g/kg	≤ 5	0	SH/T 1541.1-2019
Melt mass flow rate,g/10min	25-36	31	GB/T 3682.1-2018
The tensile strength,Mpa	≥ 42	53	ASTM D638-2010
Modulus of elasticity for bending,Mpa	≥ 1900	2423	ASTM D790-2010
Thermal deformation temperature,℃	≥ 78	81	ASTM D648-2007
The bending strength,Mpa	≥ 60	80	ASTM D790-2010
Impact strength of cantilever beam, J/m	≥ 167	227	ASTM D256-2010