

## Petrochina Lanzhou Petrochemical company

## Product quality inspection sheet

Analysis project	Qualitative index	measured results	test method
color grains,g/kg	$\leq 10$	0	SH/T 1541-2006
Large grains and small grains,g/kg	$\leq 10$	0	SH/T 1541-2006
Melt mass flow rate(2.16kg),g/10min	2-3	2.5	Q/SY DS 0513
Tensile yield stress,Mpa	$\geq 22$	23.7	Q/SY DS 0515
Bending modulus,Gpa	$\geq 1$	1.231	Q/SY DS 0516
ash,mg/kg	-	0.0251	GB/T 9345-1988
Notched impact strength of simply supported beams(-20°C),kJ/m <sup>2</sup>	$\geq 40$	105	Q/SY DS 0517
Notched impact strength of simply supported beams(23°C),kJ/m <sup>2</sup>	-	737	Q/SY DS 0517
The yellow index	$\leq 4$	-4.6	Q/SY DS 0514
Thermal deformation temperature 0.46MPa, °C	-	84	Q/SY DS 0518