

Petrochina Lanzhou Petrochemical company

Product quality inspection sheet

Analysis project	Qualitative index	measured results
Melt mass flow rate,g/10min	0.24-0.36	0.29
Density,kg/m ³	957~961	960.1
Tensile yield stress,Mpa	≥21.0	22.4
Tensile fracture strain, %	≥350	841
Impact strength of simply supported beams, kJ/m ²	≥22	27.6
Carbon black dispersion, size grade	≤3	1.5
Oxidation induction time (isothermal OIT) (210°C),min	≥20	88.4
Carbon black content, %(m/m)	2-2.5	2.17
Moisture, %	The measured	0.027

test method
Q/SY DS 0507
ISO 1183-2
Q/SY DS 0501
Q/SY DS 0501
Q/SY DS 0503
Q/SY DS 0508
GB/T 19466.6-2009
GB 13021
SH/T 1770-2010