

Petrochina Lanzhou Petrochemical company

Product quality inspection sheet

Analysis project	Qualitative index	measured results
Color granule, piece/kg	≤ 10	0
Black granule, piece/kg	0	0
Melt mass flow rate(5Kg), g/10min	0.20-0.26	0.2
Melt mass flow rate(21.6Kg), g/10min	4.4-8.4	5.95
Density, g/cm ³	0.948-0.952	0.9505
Bending modulus, Mpa	≥ 700	1067
Tensile yield stress, Mpa	≥ 21	24.6
Tensile fracture nominal strain, %	≥ 450	554
Impact strength of simply supported beams(23°C), KJ/m ²	\geq	31.4
Induction time OIT(210°C, A1), min	≥ 30	56.1

test method
SH/T 1541.1-2009
SH/T 1541.1-2009
GB/T 3682.1-2008
GB/T 3682.1-2008
GB/T 1033.2-2010
GB/T 9341-2008
GB/T 1040.2-2006
GB/T 1040.2-2006
GB/T1043.1-2008
GB/T 19466.6-2009