

## Petrochina Lanzhou Petrochemical company

## Product quality inspection sheet

Analysis project	Qualitative index	measured results
Color granule, piece/kg	$\leq 40$	0
Large and small granule, g/kg	$\leq 10$	1.7
Melt mass flow rate(21.6kg), g/10min	1.5-2.5	2.1
Density, g/cm <sup>3</sup>	0.947-0.954	0.949
Tensile yield stress, Mpa	$\geq 22$	25.7
Tensile fracture nominal strain, %	$\geq 350$	771
Impact strength of simply supported beams, kJ/m	$\geq 40$	63
Bending modulus, Mpa	$\geq 900$	1142

<b>test method</b>
<b>SH/T 1541</b>
<b>SH/T 1541</b>
<b>GB/T 3682-2000</b>
<b>GB/T 1033.2</b>
<b>GB/T 1040.2-2006</b>
<b>GB/T 1040.2-2006</b>
<b>GB/T 1043.1-2008</b>
<b>GB/T 9341</b>