POLYETHYLENE HDPE 23050

Product trademark: 昆仑 KunLun

Manufacturer: PETROCHINA LANZHOU PETROCHEMICAL YULIN CHEMICAL CO.,LTD.

Overview: High density polyethylene produced by Hostalen ACP batch slurry process.

Execution standard： Q/SY LS0376-2022

Technical Specifications:

No.	Analysis Item	Typical Value	Test Method
1	Density，g/cm^3	0.949	GB/T 1033.2
2	MFR（5.0kg），g/10min	0.23	GB/T 3682.1
3	Tensile strength at yield，MPa	22	GB/T 1040.2
4	Nominal strain at tensile break，%	700	GB/T 1040.2
5	Notched Charpy Impact Strength（23℃），kJ/m^2	30	GB/T 1043.1
6	Oxidation Induction Time (OIT)，min	50	GB/T 19466.6
7	Volatile matter content，mg/kg	78	GB/T 15558.1
Note: The above values are typical and shall not be regarded as performance guarantees.			

Product Features and Applications:

This pipe product has a three-peak molecular weight distribution, demonstrates excellent processing performance, rigidity-toughness balance, and excellent resistance to environmental stress cracking. It is suitable for the production of high-grade pressure-bearing pipes.

Recommended Processing Conditions:

When 23050 is used for pipe products, the recommended processing conditions are as follows.

Barrel Zone Temperature	Adapter Zone Temperature	Die Zone Temperature
190～230	200～230	210～230
Note: The above processing conditions are for reference only. The user should adjust according to the requirements of the product, the situation of the production equipment and the process formula.		

Packaging and Transportation:

1. The product is packaged using heavy-duty film or other packaging forms approved by the user, with a net weight of 25 kg per bag or other packaging units as specified.
2. The packaging must remain intact and protected from moisture, direct sunlight, and contamination.

Safe Storage Precautions:

Store the product in a well-ventilated, dry, clean warehouse equipped with appropriate fire safety facilities. Outdoor storage is strictly prohibited.

Additional Information:

For compliance-related details (e.g., FDA, RoHS), please contact your local sales representative for further information.