中海壳牌石油化工有限公司
CNOOC and Shell Petrochemicals Company Limited

Product Data sheet

CS-Davance™ HP500N(-Z)

Characteristics

- **Homopolymer**
- **High Stiffness**
- **Good processability**
- **Good colorability**
- **High gloss**
- **Low odor**

Applications

- **Appliance**
- **Housewares**
- **Compounding**
- **Toys**
- **Caps & closures**
- **Toilet seat**

Properties(1)	Test Method	Unit	Value
Melt Flow Rate (230 °C/2.16 kg)	ISO 1133-1	g/10min	12
Density	ISO 1183-1	g/cm^3	0.9
Stress at Yield	ISO 527-2	MPa	33
Strain at Yield	ISO 527-2	%	10
Flexural Modulus	ISO 178	MPa	1450
Izod Notched Impact Strength (23°C)	ISO 180/1A	kJ/m^2	3.5
Rockwell Hardness	ASTM D785	R scale	100
HDT (0.45 MPa)	ISO 75-2/B	℃	85

(1) Typical values; not to be construed as specifications

Recommended Processing：

Melt temperature:200-240℃

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