Website: salesplastics.com
Email: jerry@salesplastics.com
Phone: +86 18657312116

Borouge® HC205TF

HC205TF is a special nucleated polypropylene homopolymer intended for thermoforming packaging. Its increased crystallization temperature allows reduced cycle time and increased output. Products originating from this grade have excellent transparency and organoleptics as well as a good balance of stiffness and impact strength at ambient temperatures.
Cas-No: 9003-07-0

Physical Properties	Metric	English	Comments
Melt Flow	4.00 g/10 min @Load 2.16 kg, Temperature 230 °C	4.00 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133
Storage Temperature	<= 50.0 °C	<= 122 °F	

Mechanical Properties	Metric	English	Comments
Flexural Modulus	1.70 GPa	247 ksi	5 mm/min; ISO 178
Charpy Impact, Notched	0.400 J/cm²	1.90 ft-lb/in²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	163 °C	325 °F	ISO 3146
Crystallization Temperature	125 °C	257 °F	ISO 11357-3
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	ISO 75-2
Vicat Softening Point	155 °C	311 °F	A50; ISO 306