

SIBUR

Technical Data Sheet PP H085 CF/2 Polypropylene

PRODUCT DESCRIPTION

PP H085 CF/2 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow rate, a special stabilization package including slip and antiblock agents, and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

PP H085 CF/2 is recommended for non-metallized Cast Film Extrusion. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
Rheology		
Melt Flow Rate (230 °C/2.16 kg)	ISO 1133	8.0 g/10 min
Mechanical		
Tensile stress at yield (50 mm/min)	ISO 527	35 MPa
Elongation at yield (50 mm/min)	ISO 527	9 %
Flexural modulus (50 mm/min)	ISO 178	1400 MPa
Notched Izod impact strength (23 °C)	ISO 180	3.0 kJ/m ²
Coefficient of friction	ISO 8295	0.09
Thermal		
Vicat softening Temperature (10 N)	ISO 306	160 °C
Heat deflection temperature (0.45 MPa)	ISO 75-2	112 °C

*Typical values; not for specification.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS