

**Technical Data Sheet**
Revision 01(December/17)**High Density Polyethylene WHI1200****Description:**

WHI1200 is a high density polyethylene. The narrow molecular weight distribution gives low tendency to deformation.

Applications:

Plastic containers.

Process:

Injection Molding.

Control Properties:

	Test Methods	Units	Values
Melt Flow Rate (190°C/21.6 kg)	D 1238	g/10 min	13.2
Density	D 4883	g/cm ³	0.961

Typical Properties¹:

	Test Methods	Units	Values
Tensile strength at yield	D 638	MPa	33.6
Elongation at yield	D 638	%	6.0
Flexural modulus, secant method at 1%	D 790	MPa	1549
Notched Izod impact strength	D 256	J/m	46
ESCR 100% IGEPAI [®]	D 1693 b	h/F50	<4
Vicat softening point at 10 N	D 1525	°C	129
Deflection temperature at 0.455 MPa	D 648	°C	78

¹Typical properties vary within specification limits.

Final Observations:

1. The information in this document is provided in good faith and reflects typical values obtained in our laboratories and should not be considered as absolute nor warranted. Only the properties and values mentioned on the Certificate of Quality are considered as product warranty.
2. In some applications, Braskem IDESA has developed resins well-tailored to meet specific requirements.
3. In case of doubts regarding our product use or for other applications, please contact our Braskem IDESA technical services serviciotecnico@braskem.com
4. For information about safety, handling, individual protection equipment, first aid and disposal, consult the Safety Data Sheet (SDS) or please contact our Braskem IDESA safety team product.safety@braskem.com. CAS Number: 25213-02-9.
5. The values reported in this document may change without Braskem IDESA previous communication.
6. Braskem IDESA does not recommend the use of this product for the manufacture of packages, parts or any other product used for storage or contact with parenteral solution nor with the inside of the human body.
7. The content of this Product Data Sheet replaces the one issued previously.