

**Datasheet**
Review 3 (Dec / 17)**Polypropylene H 614****Description:**

Homopolymer

H 614 is a low melt flow rate polypropylene homopolymer, stabilized for applications that demand direct exposure to sunlight, specially designed for the production of big bags. It has good processability and high melt resistance.

Applications:

Big Bags, Building shade fabrics, Curtains and covers to aviary and agriculture, Geotextiles

Processes:

Raffia Extrusion

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	2.1

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus - 1% Secant	D 790	MPa	1350
Tensile Strength at Yield	D 638	MPa	34
Tensile Elongation at Yield	D 638	%	10
Deflection Temperature under Load at 0.455 MPa	D 648	°C	92
Deflection Temperature under Load at 1.820 MPa	D 648	°C	53
Vicat Softening Temperature at 10 N	D 1525	°C	155

a) Injection molded specimen according to ASTM D 4101.

Final Remarks

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
3. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS: 9003-07-0.
5. For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.

Additional Remarks

1. Light stabilizing additives present in this resin have no chemical resistance to acids, halogens or sulfur and may cause a change in performance if exposed to such conditions. The assessment of the suitability of the use of this resin and the fulfillment of specific requirements is the responsibility of the manufacturer of the final product.