

## Polypropylene H 611

### Sub-group:

Homopolymer

### Description:

H 611 is a low melt flow rate homopolymer, specially designed for exposure of solar light applications. This product exhibits good processability and high melt resistance.

### Applications:

Big bags; Building shade fabrics; Curtains and covers to aviary and agriculture; It has anti-UV additives.

### Processing:

Raffia Extrusion

### Control Property:

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

### Typical Properties<sup>a</sup>:

	ASTM Method	Units	Values
Density	D 792	g/cm <sup>3</sup>	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
Rockwell Hardness (R Scale)	D 785	-	99
Notched Izod Impact Strength at 23°C	D 256	J/m	40
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.

