



Producer: Quattor / Brazil

HP - 550R

Description:

HP550R is a high fluidity homopolymer.

Applications:

Extrusion of Fibers for rugs, carpets, etc.

PROPERTIES	NOMINAL VALUES (*)	UNITS	ASTM TEST METHOD
PHYSICAL			
Melt Flow Index (230 °C/2,16Kg)	24	g/10min	D-1238
Density (23°C)	0,905	g/cm ³	D-792
MECHANICAL			
Tensile stress @ Yield (50 mm/min.)	34	Mpa	D-638
Elongation @ Yield (50 mm/min.)	9	%	D-638
Flexural Modulus (1,3mm/min.)	1450	MPa	D-790
Notched Izod Impact Strength @ 23°C	25	J/m	D-256
Hardness Shore D (1s)	71	-	D-2240
THERMAL			
Vicat Softening Temperature (10N/Rate A)	153	°C	D-1525
Heat Distortion Temperature (0,45MPa)	88	°C	D-648

(*) Values above the data obtained in our laboratories, according to the test method mentioned and conditions established by standard specification **ASTM D-4101**. The values, shown are averages and are not be considered as product specifications. These values may shift slightly as additional data are accumulated.