

# K1111

## Polypropylene (PP)

### Description:

K1111 is a Homo Polypropylene (Homo-PP), which has high melt flow index for injection molding process. It features high heat resistance for general purpose injection molding.

### Typical applications:

Injection Molding: Thin wall parts, Housewares, Automotive parts, Appliance

Physical Properties:	Method	Unit	Value
Density	ASTM D792	g/cm <sup>3</sup>	0.90
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min	11
Tensile Strength at Yield	ASTM D638	MPa	37
Notched Izod Impact Strength (at 23°C)	ASTM D256	J/m	32
Flexural Modulus (1% SECANT)	ASTM D790	MPa	1550
Heat Distortion Temperature @ 4.6 kg	ASTM D648	°C	100

### Processing Technique

**Processing Temperature : 190 – 240 °C**

\*\*However, the actual processing conditions depend on mold design, power of machine, equipment and other environments. \*\*

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.