



Yuplene R380Y is random polypropylene that is made for injection molding. It has high strength and excellent dimensional stability. Since it has high fluidity and transparency, it can be used for food packaging, packaging container, and disposable syringe and various home appliances. Yuplene R380Y complies with FDA regulation 21 CFR 177.1520 for the exposure to food

## Datasheet

Item	Typical Value	Unit	Test method ASTM
Melt Index	29	g/10min	D1238
Softening Point(Vicat)	135	°C	D1525
Tensile Strength at Yield	300	kg/cm <sup>2</sup>	D638
Elongation at Break	<500	%	D638
IZOD Impact Strength(Notched, 23 °C)	4	kg·cm/cm	D256
Hardness(Rockwell)	85	R Scale	D785
Heat Distortion Temperature	94	°C	D648
Oven Aging Time	360	hr	D3012
Flexural Modulus	11000	kg/cm <sup>2</sup>	D790
Haze	10	%	D1003
Spiral Flow	>800	mm	SK Method