

## Description

**Polypropylene 4481WZ** is a nucleated impact copolymer with a Melt Flow of 4.0 g/10min.

4481WZ is characterized by a good stiffness/impact balance coupled with high creep resistance. This grade has been developed for sheet extrusion and thermoforming applications requiring good mechanical properties and aesthetic appearance.

4481WZ has been specially formulated with an additive for excellent antistatic properties as well as good surface appearance and mold release.

## Characteristics

	Method	Unit	Typical Value
<b>Rheological Properties</b>			
Melt Flow	D-1238	g/10 min	4.0
<b>Mechanical Properties</b>			
Tensile Strength at Yield	D-638	psi (MPa)	4900 (34)
Elongation at Yield	D-638	%	7
Flexural Modulus	D-790	psi (MPa)	240,000 (1650)
Izod Notched @ 23°C	D-256	ft.-lbs/in.	2.6
<b>Thermal Properties</b>			
Melting Range	TOTAL Polypropylene Method	°C	160 - 165
Heat Deflection	D-648	°C	115
<b>Other Physical Properties</b>			
Density	D-1505	g/cm <sup>3</sup>	0.905

