

# Typical Properties of Nipolon

Tosoh Corporation

<b>Grade :</b>	<b>203</b>
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Property	Unit	Test Method		Value	
Melt Index	g/10min	JIS K6922-1	ISO 1872-1	8.0	
Density	kg/m <sup>3</sup>	JIS K6922-2	ISO 1872-1	919	
Tensile	Yield Stress	MPa	JIS K6922-2	ISO 1872-2	7
	Strength @ Break	MPa	JIS K6922-2	ISO 1872-2	10
		MPa	TOSOH		14
	Elongation @ Break	%	JIS K6922-2	ISO 1872-2	90
		%	TOSOH		600
Flexural Modulus	MPa	JIS K6922-2	ISO 1872-2	120	
Hardness (Shore D)		JIS K7215	ISO 868	53	
DSC Melt Temperature	°C	JIS K6922-2	ISO 1872-2	107	
Vicat Softing Temperature	°C	JIS K7206	ISO 306	87	
Low Temperature Brittleness	°C	JIS K7216		<-70	

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