

## KOPELEN JM-390

## PP BLOCK COPOLYMER

### General Information

#### Description

JM-390 is high impact block copolymer which has high ethylene-propylene rubber content. This grade is designed to be processed in huge Injection molding equipments by improvement in mold release and anti-static. JM-390 shows high melt flow and has good balance of strength, impact resistance.

#### Applications

- ◆ General household goods, thin-wall parts
- ◆ Home appliances etc.

### Physical Properties<sup>1</sup>

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	80	g/10min		
Density	ASTM D792	0.90	g/cm <sup>3</sup>		
<b>Mechanical</b>					
Tensile Stress (Yield)	ASTM D638	240	kgf/cm <sup>2</sup>	23	MPa
Tensile Strain (Break)	ASTM D638	<100	%	<100	%
Flexural Modulus	ASTM D790	15,500	kgf/cm <sup>2</sup>	1,520	MPa
<b>Impact</b>					
Notched Izod Impact Strength (23℃)	ASTM D256	5.0	kgf-cm/cm	49	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	2.5	kgf-cm/cm	25	J/m
<b>Thermal</b>					
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	125	℃		
<b>Additional Properties</b>					
Flammability	UL94	HB			

### NOTE

ISO 9001, 14001, ITS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications

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