

# KP Plastics

## CMP 1131

### Description:

DANCMP 1131 is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for use as rotational molding applications.

### Advantages:

- Good impact strength
- Easy to demold
- UV stabilized
- Good whiteness
- Excellent surface finish

### Characteristics:

Appearance: Granular  
Color: Green  
Carrier: PE  
Processing Method: Rotational molding

### Application:

general purpose rotomolded items, septic tanks, recycling banks

### Properties:

Parameters	Value	Unit	Test Method
<b>Physical</b>			
Melt Flow Index (190°C, 2.16kg)	4 ± 1	g/10 min	ASTM D 1238
Density	0.95 ± 0.02	gr/cm <sup>3</sup>	ASTM D 1505
<b>Mechanical</b>			
Tensile Strength @Peak	18±3	MPa	ASTM D 638
Elongation @Break	1200±200	%	ASTM D 638
Notched Izod Impact(23°C)	Partially	KJ/m <sup>2</sup>	ISO 180
Elastic Modulus	≥180	MPa	ASTM D 638

\*Test Condition: Samples were prepared by injection molding machine (100 Ton).

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