



# DAN Polymer

Technical Data Sheet

**PE Compound:** DANCMP 1132



**DAN**  
POLYMER

www.danpolymer.com  
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## Description:

DANCMP 1132 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: Black
- 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               | 430±30      | %                  | 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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