



# PADID COM 2081-FN

## High Density Polyethylene Compound

### Description

PADID COM 2081-FN is a compound of high density polyethylene (HDPE) with a few percentage of special filler offering good UV resistance and impact strength. This compound is designed for extrusion and rotational molding processes and is suitable for home appliance, industry and other utility products.

### General Properties

- Color: Natural
- Processing Method: Rotational Molding, Extrusion

### Specifications

Property	Value	Unit	Test Method
Melt Flow Index (190°C /2.16kg)	4±1	g/10min	ASTM D1238
Density	0.95±0.02	g/cm <sup>3</sup>	ISO 1183
Moisture	Max 0.2	%	ASTM D644
Tensile Strength @ Yield	14	MPa	ASTM D638
Elongation @ Break	850	%	ASTM D638
Charpy Impact Strength, Notched	17	kJ/m <sup>2</sup>	ASTM D256

### Product Benefits

- Good Optical property
- Good Whiteness
- Good Surface Finish Products
- Good Impact Strength
- Good Mold Release

### Packaging & Storage

Packed in **25kg** bags on 1250 kg shrink-wrapped pallets.

Store in a cool and dry place below 30°C away from the rain pour and direct sunlight exposure not to exceed 6 months.

Values shown are average & are not to be considered as product specifications

