CPE-IM888 Technical Data Sheet

Product Characteristics

Among all WELLPREN ™ IM series, IM 888 has the highest molecular weight, this grade has the excellent mechanical performance and high filler acceptance.

Applications

This grade is the most popular grade for plastic impact modification. The application fields cover:

- PVC door and window profiles
- Siding
- Sheet
- Fence
- Pipe
- Electrical conduit

Specifications & Properties

Appearance:	White powder
Chlorine content:	35%
Heat of fusion:	0.8 J/g
Volatiles:	0.2%
Sieve remainder, 0.8 mm sieve:	0
Bulk Density:	0.53g/cm^3
Impurity particles:	8 piece/100g
Thermal stability time:	10 min @ 165ºC
Hardness, Shore A:	56
Tensile strength:	11.5 Mpa
Elongation at break:	800%
Calcium content:	2%

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Properties

IM 888 is designed for general purpose plastic impact modification with:

- Superior impact strength
- Good low temperature property
- High filler acceptance
- Compatible with acrylic impact modifier
- Superior compatibility with polymers like PVC, PE, and ABS
- Superior weatherability
- Superior processibility
- Excellent corner strength
- High surface gloss
- Good filler acceptance
- Cost effective system

Packing

In 25kg PP woven bag

Product Storage

This material is non- dangerous goods for land, air and marine transportation. To avoid blocking, bags containing WELLPREN should be stacked no more than two pallets high and should be stored at temperature no more than 100ºF (38ºC), shelf life is theoretically unlimited when storage is under proper conditions.

Safety Precautions

Please consult the MSDS before handling for additional information concerning personal protective equipment, Safety, Health and Environmental information, and always exercise the utmost care in handling.

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