

## PP

# PP F08MX

## POLYPROPYLENE HOMOPOLYMER (PP)

This resin is a cast polypropylene (CPP) film grade offering high transparency and good heat and moisture resistance. Film produced from this resin has a smooth surface, good stiffness, and strong adaptability for downstream converting.

### Typical Application

- Inner heat-sealing layers of laminated films
- Packaging film for clothing, stationery, food, and medicine

### Product Characteristics

- Good heat and moisture resistance
- High transparency
- Excellent stiffness

### Film Properties

| Properties                 | Test Method | Typical Value | Unit                     |
|----------------------------|-------------|---------------|--------------------------|
| Haze                       |             | 1.0           | %                        |
| Fish Eyes ( $\geq 0.8$ mm) |             | 1             | pcs/1520 cm <sup>2</sup> |
| Fish Eyes (0.4-0.8 mm)     |             | 3             | pcs/1520 cm <sup>2</sup> |

### Physical Properties

| Properties                                                     | Test Method | Typical Value | Unit     |
|----------------------------------------------------------------|-------------|---------------|----------|
| Melt Flow Rate<br>(230°C/2.16kg)                               |             | 8.24          | g/10 min |
| Tensile Strength at Yield                                      |             | 34.5          | MPa      |
| Nominal Strain at Tensile<br>Fracture (Elongation at<br>Break) |             | 240           | %        |
| Flexural Modulus                                               |             | 1470          | MPa      |
| Isotactic Index                                                |             | 97.6          | %        |

1. This grade shares its published technical data sheet with F08.

2. The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.