



# ECORRECT PRIVATE LIMITED

## ECWS01

### BIO COMPOSTABLE GRANULES BLOWN FILM GRADE

ECWS01 is a Water-Soluble Biodegradable grade suitable for general purpose blown film grade. Films blown from this grade exhibit great elongation. The granules offer a good tensile strength and melt strength.

#### TECHNICAL VALUES:

| PROPERTY       | TEST STANDARD | UNIT                           | RESULT |
|----------------|---------------|--------------------------------|--------|
| Density (23°C) | ASTM D 1505   | g/cc                           | 1.332  |
| MFI            | ASTM D1238    | gms/10 min (190°C at 5Kg Load) | 1.23   |

#### FOR THE FILM PROPERTIES-

|                           |          |     |      |
|---------------------------|----------|-----|------|
| Ultimate tensile strength | ASTM 882 | MPa | 10.0 |
| Tensile strength at yield | ASTM 882 | MPa | 10.3 |
| Elongation at break       | ASTM 882 | %   | 100  |
| Elongation at yield       | ASTM 882 | %   | 100  |

#### RECOMMENDED MELTING PROFILE OF THIS GRADE IN 45 MM DIAMETER SCREW BLOWNFILM MACHINE

| ZONE | TEMPERATURE              |
|------|--------------------------|
| 1    | 125                      |
| 2    | 127                      |
| 3    | 130                      |
| 4    | 135 (Candle filter Zone) |
| 5    | 128 (Die Zone 1)         |
| 6    | 125 (Die Zone 2)         |



B-137 Garden Villa Society,  
Kadi, Mehsana,  
Gujarat-382715

CIN Number- U25209GJ2020PTC113442  
GST Number- 24AAFCE8841ZO



info@ecorrect.in



8154899240



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## APPLICATIONS:

Used for producing general purpose blown film and recommended for use in different types of carry bags. ECWS01 granules are compatible to normal plastic (Linear Density-LD) blown film machine.

## STORAGE AND SHELF LIFE:

ECWS01 granules have a minimum shelf life of the one year if kept in dry conditions. Packaging should be resealed after opening to protect against moisture.

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The information and data presented herein is true and accurate to the best of our knowledge. No warranty or guarantee expressed or implied, is made regarding performance or otherwise.

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