



Product Data Sheet

Spec Number: IT116942
SmartSolve 2X30 Heat Seal Material

Description:

IT116942, SmartSolve 2X30 Heat Seal Material, is highly water-soluble paper useful in many pouching applications with its water-soluble design and heat seal coating.

Features & Limitations:

Dissolves easily and completely in any water temperature

Excellent Print Characteristics

Contains a heat seal coating that allows product to be converted into

2X30 HS	Typical Values
Caliper (microns)	85
Paper Thickness	55
Heat Seal Thickness	30
Caliper (Mils)	3.3
Basis Weight (g/m ²)	53
Paper Weight	20
Heat Seal Weight	33
Basis Weight (lb/3,000ft ²)	32.6
Dispersibility (sec)	19
Density (g/cm ³)	0.62
Paper Density	0.36
Heat Seal Strength (Kg/15mm)	1.3
Tensile Strength (kg)	1.6
Paper Tensile Strength (kN/m)	0.9
Elongation (%)	5.5
Paper Elongation	2.7

Shipping and Storage

Raw Materials

SmartSolve water-soluble materials should be thoroughly shrink wrapped for shipping and storage prior to converting into finished products.

Finished Product

It is recommended that finished products produced from SmartSolve Water-soluble materials are shrink wrapped for shipping to end customers, and remain shrink wrapped until actual usage of the product.

Temperature and Humidity

SmartSolve water-soluble materials should be stored in a temperature and humidity controlled environment. The proper storage conditions are between 50°F and 70°F and 30RH and 70RH (relative humidity). Materials stored outside of these ranges can decrease expected performance of product.



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Product Use:

All statements, technical information and data contained in Product specifications, descriptions or other documents are based upon tests or experiences that CMC believes are reliable. However, many factors beyond CMC's control can affect the use and performance of a Product in a particular application, including the conditions under which the Product is used and the time and environmental conditions in which the Product is expected to perform. Since these factors are uniquely within the Customer's or other end-user's knowledge and control, it is essential that the Customer or other end-user evaluate the Product to determine whether it is fit for a particular purpose and suitable for the Customer's or other end-user's specific application(s).

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Last Updated 3.31.2015