TECHNICAL DATA SHEET

PLEXTOL™ RECYCLEAR™ 3141

PLEXTOL™ RECYCLEAR™ 3141 is a water-based acrylic emulsion polymer with pressure-sensitive properties suitable for PSA filmic label applications on HDPE rigids enabling recyclability of the HDPE material.

For further information regarding this product please refer to:

Adhesive Polymers (EMEA)

eMail: Adhesive-polymers-EMEA@synthomer.com

Property	Typical Value	Unit	Method[1]
Solid Content	46.0	%	DIN EN ISO 3251
pH Value	7.5		DIN ISO 976
Viscosity (Brookfield RVT 20rpm, @ 23°C)	350	mPas	DIN ISO 1652

[1] internal method based upon the specified norm

Application Advice

PLEXTOL™ RECYCLEAR™ 3141 is approved by RecyClass for Labels & Adhesives on HDPE Containers under the standardized recycling protocol REP-HDPE-02. This certification confirms that fimic labels produced with this adhesive can be cleanly removed during the HDPE recycling process, enabling the recovery of high-quality regranulate.

Due to its outstanding blush resistance, it is suitable for clear and filmic facestock of the labels, also allowing a no-label-look on the final product. Furthermore, it offers superb low energy surface wetting and strong balance of peel and shear properties.

PLEXTOL™ RECYCLEAR™ 3141 has been formulated to meet the rigorous demands for reverse gravure coating operations.

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 6 months from the date of delivery.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.

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