TECHNICAL DATA SHEET

PLEXTOL™ RECYCLEAR™ 2529

PLEXTOL™ RECYCLEAR™ 2529 is a water-based acrylic emulsion polymer with pressure-sensitive properties that is designed for wash-off labels on recyclable PET bottles.

For further information regarding this product please refer to:

Adhesive Polymers (EMEA)

eMail: Adhesive-polymers-EMEA@synthomer.com

Property	Typical Value	Unit	Method[1]
Solids Content	55.0	%	DIN EN ISO 3251
pH Value	7.8		DIN ISO 976
Viscosity (Brookfield RVT 20rpm, @ 23°C)	200	mPas	DIN ISO 1652

[1] internal method based upon the specified norm

Application Advice

Wash-off following the standard PET recycling process leads to clean PET flakes and a clear washing solution. The product can be cleanly removed from PET at standard temperature (85°C) and also lower temperatures down to 65 °C.

PLEXTOL™ RECYCLEAR™ 2529 exhibit easy film formation with good anchorage to the filmic facestock by direct or transfer coating technique.

It forms a transparent film with high water resistance, which is soft and permanently sticky, with a slight peel build up over time.

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.

Safety

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

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