



Solacril 781

(Provisional)

Description

SOLACRIL 781 is a self cross-linking solvent borne acrylic pressure sensitive adhesive with a very high total solids value. The product does not contain aromatic solvents.

The product has high peel adhesion and tack values, combined with a good balance of cohesive properties and a good thermal resistance.

Application

SOLACRIL 781 is recommended for double-sided foams, for transfer tapes and for products with high initial tack.

Technical Specifications

| Method of analysis | MU | Standard |
|---|-------|---|
| 1. Total Solids | % | 57±1 |
| 3. Brookfield Viscosity 25°C Solvents | mPa.s | 6000 - 9000 ⁽¹⁾ ethylacetate / isopropyl alcohol |

⁽¹⁾ N. 4 RV; 20 RPM

Handling

SOLACRIL 781 is supplied ready for coating by rotating blade or reverse roll. Diluted, it can be applied by rotogravure or Mayer bar. A perfect drying is necessary to fully complete the cross-linking process.

Packaging

The product is supplied in iron drums (180 kg); ADR compliant IBC containers (900 kg).

Storing

Store in a cool place, protected from direct sunlight and heat sources, at temperatures between +5 and +40°C. Keep material in tightly closed containers to prevent loss of solvents.

Use within 6 months from production date (unopened and in the original packaging).

Film properties

| Method of analysis | MU | Standard |
|-------------------------------|------|----------|
| 11. Peel Adhesion on Steel | g/in | 2,000 |
| 22. Static Shear | h | > 100 |
| 96. S.A.F.T. ⁽¹⁾ | °C | 185 |
| 97. Loop Tack Test | g | 2,000 |

⁽¹⁾ based on ASTM D4498-00

Average values; pilot plant coating at 1 m/min; 25±3 g/m² on
PET film 23 µm, TCA-treated