

SPS-33C-3 Peelable Sealant Concentrate

DESCRIPTION

SPS-33C-3 is a concentrate designed for formulating peelable sealants. Sealants made using SPS-33C-3 can be processed on conventional blown and cast film extrusion and coextrusion equipment. The distinguishing feature of SPS-33C-3 is its ability to yield sealants with **easy peel** characteristics when heat-sealed to itself.

APPLICATIONS

General-purpose peelable sealant.

Snack food structures.

Medical and pharmaceutical packaging.

FEATURES

Ability to adjust heat-seal strength.

Broad heat-seal temperature range.

Flat heat-seal strength profile.

No aging effects on heat-seal strength.

Clean, smooth peel seals (not stringy).

Suitable for most direct food contact applications.

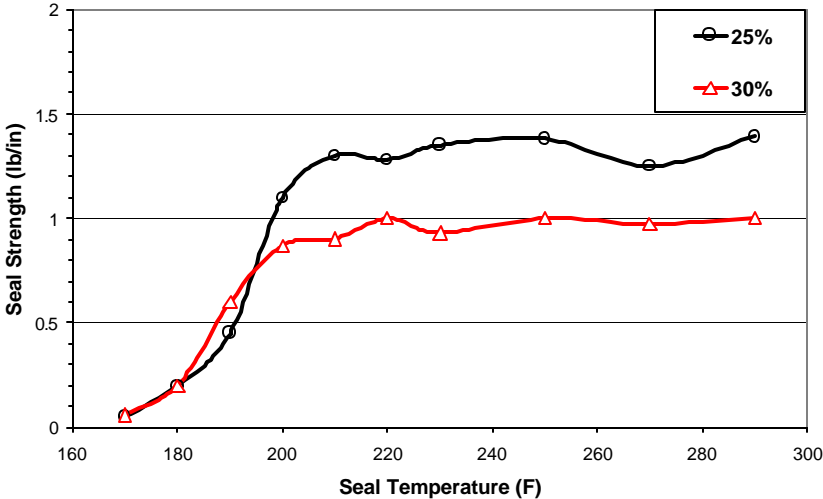
PHYSICAL PROPERTY DATA

Property	Value
Melt Index @ 190 C, 2.16 kg	2.0 ±0.5 g/10min
Density	0.92 g/cc

PERFORMANCE DATA

As shown in the figure below, sealants made using SPS-33C-3 exhibit a flat heat seal strength versus heat seal temperature profile when heat sealed to itself. Contact your MSI Technology representative for formulation guidelines.

SPS-33C-3 in EVA



Film: PE/LLDPE/Sealant (0.8 mil) Heat Seal Conditions: 40 psi, 1 sec, 10 in/min peel speed
 EVA: 12% VA EVA

FDA STATUS

SPS-33C-3 is acceptable for use in most direct food contact applications. For applications requiring FDA certification, contact your MSIT representative for compliance information.

PROCESSING INFORMATION

Sealants made using SPS-33C-3 can be processed on conventional blown film and cast film extrusion equipment. The recommended melt temperature range is 410 to 430F. A typical extruder temperature profile is shown below.

Temperature	Zone 1	Zone 2	Zone 3	Adapter	Die
F	300	350	400	450	450
C	150	175	205	230	230