Brand: CNCGLASS

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TECHNICAL NOTE

SGP Ionoplast Interlayer Composition Identification Notes for Specifiers

By Peter Lin

CNCGLASS · Why composition ID packets exist

Some tenders ask laboratories to confirm that an interlayer is in the ionoplast chemistry family rather than conventional PVB. This article restates report SZIN1806008043PS for CNCGLASS SGP ionoplast film.

Tech note (public method context): Specific gravity followed ASTM D792-13 Method B (absolute alcohol, 23 ± 0.5 °C). Major composition qualitative analysis followed GB/T 6040-2002 (infrared family identification).

CNCGLASS · Product and specimen

Material: ionic interlayer film (clear / tinted coupons in the source packet). Receipt 19 Jun 2018; testing through 26 Jun 2018. Two composition coupons (A/B) reported the same polymer family.

CNCGLASS · Observed results

Item	Method	Result
Specific gravity	ASTM D792-13 Method B	0.965
Major composition (Sample A)	GB/T 6040-2002	Poly(ethylene-co-methacrylic acid) sodium salt
Major composition (Sample B)	GB/T 6040-2002	Poly(ethylene-co-methacrylic acid) sodium salt

That polymer family is the ionomer chemistry buyers associate with structural SGP-type interlayers. It is a family identification, not a strength class.

CNCGLASS · What this means for glaziers and buyers

- Use this article to answer 'is it ionoplast / ionomer?' questions on questionnaires.
- Do not confuse composition ID with EN 356 / BS 6206 / shot-bag classes—keep those articles beside it.
- Ask CNCGLASS when film revision letters change whether a fresh coupon ID is required.

CNCGLASS · Contact

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