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POWER OF COLLABORATION IN SILICONE COATING OF PAPER

ABSTRACT

With increasing energy cost and scarcity of raw materials usable as catalysts for silicone curing, UPM Specialty Papers and WACKER have teamed up to unlock the full potential of an advanced release liner base. Silicone anchorage has been the key limiting parameter for freely optimizing silicone release coating formulation. An improved base paper from UPM Specialty Papers has successfully been used with redesigned X-linkers to facilitate faster curing, catalyst lean silicone formulation and further adjustments in catalyst triggering temperature.

Let us shed more light on how these results were achieved and how this could help your process to be more cost efficient.