

## UPM ASENDO™

Recyclable barrier paper with medium moisture and grease resistance. End-uses vary from non-food wrapping, such as ream-wraps, to food end-uses, for example pasta bags and bread bags to keep bread crispy and fresh. Suitable for additional surface treatment in converting. Sustainable image and natural print quality. Paper provides mineral oil barrier and does not contain fluorochemicals.

### UPM ASENDO™:

<b>Category</b>	Packaging papers
<b>Grade</b>	Barrier papers
<b>End use</b>	Bags   Laminations   Pouches, sachets   Wraps
<b>Printing method</b>	Offset   Flexo
<b>Reel Diameter (cm)</b>	90,0 - 135,0
<b>Reel Width (cm)</b>	40,0 - 270,0
<b>Core (mm)</b>	76,0 / 150,0 / 153,0
<b>Certificates and labels</b>	ISO 22000   FSC Chain-of-Custody   FDA Food Certificate   EN 71/3:1988 D Safety of Toys   94/62 EC Heavy Metal Certificate   Food Approval Statement   BfR Food Certificate   PEFC Chain-of-Custody   EMAS   ISO 9001   ISO 45001   ISO 14001

TECHNICAL TARGET VALUES:

<b>Basis Weight (ISO 536) (g/m<sup>2</sup>) (lb/3300ft<sup>2</sup>)</b>	55.0 (37.1)	65.0 (43.9)	90.0 (60.8)
<b>Thickness (ISO 534) (µm) (mils)</b>	55.0 (2.2)	66.0 (2.6)	87.0 (3.4)
<b>Roughness Bendtsen BS (ml/min)</b>	100.0	100.0	75.0
<b>Tensile Strength MD (kN/m) (lb/in)</b>	5.0 (28.6)	5.9 (33.7)	8.5 (48.6)
<b>Tear Strength CD (mN) (g)</b>	400.0 (40.7)	480.0 (48.9)	600.0 (71.3)
<b>Grease resistance KIT top</b>	6.0	6.0	6.0
<b>WVTR (RH 50%) g/m<sup>2</sup>/d</b>	20	20	30
<b>Mineral oil barrier</b>	Ok	Ok	Ok

Imperial values indicated in paranthesis

**Please note: Technical values are informative and subject to production variations.**