

## UPM UNIQUEBARR™

Looking for a great price-quality ratio for your packaging? One side coated papers have a bright, clear and smooth printing surface. It's your choice when you need reliable and consistent performance in various converting applications.

### UPM UNIQUEBARR™:

<b>Category</b>	Packaging papers
<b>Grade</b>	Barrier papers
<b>End use</b>	Biscuits and other food wrapping areas   Bread and pastry bags
<b>Finish</b>	Softcalendered
<b>Furnish</b>	Chemical pulp
<b>Printing method</b>	Flexo
<b>Format/Size</b>	Reels
<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>Wrapping</b>	Strong kraft paper   Strong moisture proof polyethylene laminated kraft paper
<b>Certificates and labels</b>	94/62 EC Heavy Metal Certificate   BfR Food Certificate   EMAS   EN 71/3:1988 D Safety of Toys   FDA Food Certificate   Food Approval Statement   ISO 14001   ISO 22000   ISO 9001   PEFC Chain-of-Custody

## TECHNICAL TARGET VALUES:

<b>Basis Weight (ISO 536) (g/m<sup>2</sup>)</b>	55.0	65.0	90.0
<b>Thickness (ISO 534) (µm)</b>	60.0	71.0	87.0
<b>Brightness D65 (ISO 2470-2) (%)</b>	82.0	82.0	80.0
<b>Opacity ISO (2471) (%)</b>	74.0	80.0	88.0
<b>Moisture</b>	4.5	4.5	5.4
<b>Roughness Bendtsen BS (ml/min)</b>	110.0	110.0	75.0
<b>Tensile Strength MD (kN/m)</b>	6.5	7.5	8.5
<b>Tensile Strength CD (kN/m)</b>	2.5	3.0	4.0
<b>Tear Strength MD (mN)</b>	400.0	450.0	600.0
<b>Tear Strength CD (mN)</b>	420.0	550.0	700.0
<b>WVTR (RH 50%) g/m<sup>2</sup>/d</b>	20	20	30

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