

Technical specification sheet

Ball & Doggett

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Product: Rhino PP Matt SC 250um\283gsm

Category: Display & Visual - UV Inkjet and UV Screen printing

Technical specifications:

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|----------------------------|---|
| Description: | A single structured white calandered polypropylene sheet especially formulated to exhibit high stiffness and whiteness. |
| Application: | A heavy weight, stiff, cardboard type quality lends itself to applications requiring bulk, rigidity and resistance to flexing. |
| Characteristics: | <ul style="list-style-type: none">/Superior stiffness/Excellent printability and adhesion./Easy cutting, perforating and folding properties./High tensile strength./Outstanding anti-static properties./Matt finish on both sides. |
| Treatment: | Both sides |
| Standard Weight: | 226gsm – 792gsm 330mm – 1830mm |
| Roll Availability: | Minimum 450mm(SG) x 450mm(LG) |
| Sheet Availability: | Maximum 1880mm(SG) x 1320m(LG) |

| ITEM | UNIT | RESULT | METHOD |
|--------------------|---------------|----------------------|--------------|
| | | 283gsm | |
| Gauge | % | ± 5 | MICROMETER |
| Tensile Strength | MD CD | 3530 3030 | ASTM – D638 |
| Elongation | MD CD | 350 23 | ASTM – D638 |
| Tear Strength | MD CD | 5000 4000 | ASTM – D1922 |
| Surface Tension | A B | Gm/mm 46 46 | ASTM – D2578 |
| Roughness | A B | 30-65 30-65 | JIS – 80601 |
| Gloss level (60°) | A B | 2-5 2-5 | ASTM – D523 |
| Transmittance | % | 15 | ASTM – D1003 |
| Whiteness | W | 88 ± 3 | ASTM – E313 |
| Surface Resistance | Ohms | 9 x 10 ¹² | ASTM – D257 |
| Thickness | mm | 0.25 | - |
| Yield | Squ.mtrs / kg | 3.54 | - |
| Density | - | 1.13 | ASTM – D792 |