

Technical Data Sheet

BROWN RAGG SERIE 1000 BASSA T

Code DS 1733

Powder Coatings Polyurethane

Outdoor Use : 0

Suggested for : Base coat for heat transfer process **Corona** 0

Application : **Trasmetal Disk** □ **Tribo** □ 20' x 185°C

Curing Cycle (Metal Temperature) 20' x 365°F 15' x 190°C

(Metal Temperature) 15' x 374°F 10' x 200°C

(Metal Temperature) 10' x 392°F

Chemical and Mechanical Properties

1 - Packing	20 Kg. Boxes with PE-bag, palletized and shrink-wrapped.		
2- Shelf-life	In a dry place with a temperature lower than 35 °C - 95°F for 12 months		
3 - Specific weight	1.27 ± 0.03 g/cm ³		
4 – Yield m ² /Kg. Considering 60 microns film thickness	13,1 m ² /Kg		
5 - Appearance	RAGG		
	RIF Standard	Miniumum Tollerance Limit	Result
6 - Gloss (Gardner 60°)	ISO 2813	8 ± 3	OK
7 - Buchholz hardness	ISO 2815	Minimum 80	OK
8 - Adhesion	ISO 2409	No Loss Of Adhesion	OK
9 - Thickness (Minim. thickness)	ISO 2360	60 µm	OK
10 - Direct Impact Test *	ASTM D2794	2,5 Nxm	No Coating Detaching
11 - Reverse Impact Test	ASTM D2794	2,5 Nxm	No Coating Detaching
12 - Erichsen Identation *	ISO 1520	5 mm	No Coating Detaching
13 - Bending *	ISO 1519	5 mm Diameter	No Coating Detaching
14 - Kesternich Test	ISO 3231	No Coating Detaching or penetration	OK
15 - Humidity Test**	DIN 50017	No Blistering/Coating Detaching	OK
16 - Acetic acid - Salt Spray Test **	ISO 9227	Corrosion Lower than 4mm	OK
17 - Accellerated weathering Test	ISO 11341	Rit. di Brill. >50% DE <2	OK
18 - Pressure Cooker Test	Cap.Qualicoat	No Blistering/Coating Detaching	OK
19 - Lime Resistance	Cap.Qualicoat	No Blistering/Coating Detaching	OK

Tests carried out on 1 mm. thickness alloy AA5005 H24 chromate aluminium sheets and 60 microns coating layer . * Tests carried out on AA6060 extruded alloy

Note importanti:**Important information:**

La brillantezza del film di vernice è influenzata dalla spessore della polvere applicata e dalle condizioni di polimerizzazione.

Brightness of powder coating layer could change by applied thickness and by the curing process.

Per ottenere le migliori performance di resistenza ai raggi uv il valore di brillantezza del film di vernice deve rispettare i valori indicati nella scheda tecnica.

To obtain best UV ray resistance performance, the powder coating brightness must comply technical data sheet value.

La presente informazione tecnica deriva dalla nostra esperienza e da quella di numerosi nostri clienti. Diffusa a titolo informativo non comporta garanzia implicita o formale.

L'utilizzatore si assume la responsabilità per l'applicazione del prodotto avendo cura di sperimentare le caratteristiche protettive in funzione delle proprie attrezzature e preparazione dei supporti.

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