

## Technical Data Sheet for circle blanks

### Product descriptions:

Roller coating deep draw quality circle blanks

Alloy: 1050

Chemical composition										
Alloying Elements	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	Al
% occupancy as per Std. IS-737	0.3 (Max)	0.4 (Max)	0.5 (Max)	---	0.05 (Max)	---	0.05 (Max)	---	---	99.5 (Min)
JAL Control limits	0.25 (Max)	0.35 (Max)	0.04 (Max)	0.03 (Max)	0.03 (Max)	trace	0.04 (Max)	0.02-0.03	0.03 (Max)	99.5 (Min)

Temper: "O"

Thickness: 1.9 /2.4/3.8 mm

Blank Diameter: 235/240/245/266/280/285/295/300/305/310/315/325/330/345/340/360/375/400 mm

### Physical & Mechanical Properties:

	As per Std. IS-737	JAL Control Limits
Thickness Tolerance (mm) for 1.90/2.40 mm x Diff Dia.	--	+/-0.050
Thickness Tolerance (mm) for 3.80 mm x Diff Dia.	--	+/-0.075
Edge Burr Height (%)	--	Within 3%
Diameter Tolerance (mm)	--	+/- 0.5
Tensile strength (Kg/mm <sup>2</sup> )	5.60 – 9.68	6.5 – 8.5
% elongation	29% (Min)	38% (Min)
Grain structure	--	Fine Grains

  
For M/s Jindal Aluminium limited

  
For Stovekraft limited

**JINDAL ALUMINIUM LIMITED**  
(Rolling Mill Division)  
K.I.A.D.B. Industrial Area  
Yedahalli Village, Tumkur Road  
Dabbaspot, Bengaluru-562 111  
Ph: 080-27735051-27735003

## Technical Data Sheet for circle blanks

### Product descriptions:

Wal-Mart deep draw quality circle blanks

Alloy: 8011

Chemical composition										
Alloying Elements	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	Al
% occupancy as per Std. IS-737	0.6-0.95	0.6-0.95	0.2 (Max)	0.1 (Max)	0.1 (Max)	---	0.2 (Max)	0.2 (Max)	---	98.0 (Min)
JAL Control limits	0.60-0.80	0.70-0.85	0.05 (Max)	0.03 (Max)	0.03 (Max)	0.05 (Max)	0.05 (Max)	0.02-0.03	0.1 (Max)	98.0 (Min)

Temper: "O"

Thickness: 1.45 mm

Blank Diameter: 232/240/292/357 mm

### Physical & Mechanical Properties:

	As per Std. IS-737	JAL Control Limits
Thickness Tolerance (mm)	--	+/- 0.050
Edge Burr Height (%)	--	Within 3%
Diameter Tolerance (mm)	--	+/- 0.5
Tensile strength (Kg/mm <sup>2</sup> )	8.66 – 12.23	9.0 – 10.5
% elongation	25% (Min)	32% (Min)
Grain structure	--	Fine Grains

⊕ Refer note

⊕ Accepted for all products except 232mm x 1.45 circles. Need to devise different standards for 232mm x 1.45mm (different)

For M/s Jindal Aluminium limited

For Stovekraft limited

*[Signature]*  
02/02/21

*[Signature]*  
2/2/21

**JINDAL ALUMINIUM LIMITED**  
(Rolling Mill Division)  
K.I.A.D.B. Industrial Area  
Yedahalli Village, Tumkur Road  
Dabbaspet, Bengaluru-582 111  
Ph: 080-27735051-27735063