



Zhongshan Junyi Technology Co.,Ltd

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Product Induction of 60 Iron roller track series

Product number: JY-2046D/E series iron roller track

Product description :4 meters length,ESD wheel iron roller track

The specification of empty rollet track		The specification of wheel				
Length	4000MM	Diameter	16.5MM			
Wide	60MM	Wide	45MM			
Height	24MM	Thickness	1.2MM			
The height of roller track	27MM					
Packing specification	4050*130*95MM					
Package quantity	4 PCS					
Weight	5KG/PC					
The material of wheel	PP/PP+ESD	The color of whee	White PP wheel/balck PP wheel/ESD black wheel			
The requirement of chute thickness	The thickness is require in 0.8mm.	The curved profile is horizontal	The height of the structural beam is require in 8.5mm.			
Production technology	Extrusion+assemble					
Production process	Punching	Deburring	Squeezing	Cutting	Assemble the wheel	Package
	Punchingmachine	Flangingmachin	Extrudingmachine	Cutting machine	Assembly machine	PVC plastic bag

Raw material characteristics

The raw materil of iron roller track:SGCC galvanized sheet

Galvanized sheet's chemical component

The iron pipe material's chemical composition	C	Si	Mn	p	s	A lt	Ti	Nb	Other
percentage:%	x10 ⁴	x10 ²	x10 ²	x10 ³	x10 ³	x10 ³	x10 ⁴	x10 ⁴	x10 ⁴
	310	1	22	4	41	16	10	10	
Characteristics	Yield strength Y.S	Tensile Strength T.S	Percentage elongation	r90	n90	BH ₂	The zinc layer is bending	TOP	BOP
	N/m ²	N/m ²	A80mm%			N/mm ²		G/m ²	G/m ²
	239	345	38.0				OK	40.00	40.00

The raw material of NINGBO Formosa Plastics:No.3015 PP

The 3015PP Material properties data

Capability item	Test condition	Test way	Test date	Test unit	
Basic characteristics	Melt flow rate	---	ASTM D-1238	2	g/10min
	Density	---	ASTM D-792	0.9	g/cm ³
Mechanical characteristics	Tensile strength at the yield point	---	ASTM D-638	250	kg/cm ²
	Elongation at break	---	ASTM D-638	450	%
	Rockwell hardness	---	ASTM D-785	95	R
	Stiffness coefficient	---	ASTM D-790	11200	kg/cm ²
	IZOD Notched Izod impact strength	23°C	ASTM D-256	45	kg.cm/cm
	IZOD Notched Izod impact strength	-20°C	ASTM D-256	13	kg.cm/cm
	Shrinkage	---	YCCI	0.5-1.7	%
Heat characteristics	Ageing resistance	---	ASTM D-3045	>500	Hours
	Combustibility	---	UL 94	HB	Grade
	Heat Deflection Temperature	---	ASTM D-648	110	°C

Iron roller track's ESD data performance table

Test product	Picture	Test equipment	ESD data performance
ESD wheel		Surface resistance tester	The aluminum roller track's anti-static index will be keep in 10 ⁶ -10 ⁹ .