



सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान
CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY

वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद / Council of Scientific & Industrial Research
विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार / Ministry of Science & Technology, Govt. of India
उप्पल रोड तारनाका, Uppal Road Tamaka, हैदराबाद / Hyderabad- 500 007, भारत / India.

स्पीड पोस्ट द्वारा
BY SPEED POST



Dr CH Ramakishan Rao
Sr. Principal scientist
PFM division

Dt 08-01-2024
Ref: IICT/PFM/CRK-21(1)-Tara-L

To
TARA PAINTS AND CHEMICALS
A/423/14 Maha Gujarat INDL Estate,
Sarkhej - Bavla Road, NH 8A
VILLAGE - MORAIYA, AHMEDABAD - 382210.GUJARAT

Sir,

Pl. find the test results on Batch-1

Best regards

Sincerely

CRK Rao



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उप्पल रोड तारनाका, Uppal Road Tarnaka, हैदराबाद / Hyderabad- 500 007, भारत / India.



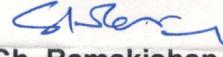
Dr. Ch. Ramakishan Rao
Sr. Principal Scientist
PFM Dept

Dt 06-01-2021
Ref: IICT/PFM/CRK-21(1)R-Tara (b1)

To
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A/423/14 Maha Gujarat INDL Estate,
Sarkhej - Bavla Road, NH 8A
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Product description: 100% PU SL PAINT
Batch No: R&D/003 Dtd.29/10/2020
Manufacturer: Tara Paints & Chemicals

S.No.	Property	Test Standard	Result			
1	Adhesion to Steel	ASTM D 4541	1958 PSI /passed			
2	Hardness Shore D	ASTM D 2240	75 shore D/ Passed			
3	Abrasion Resistance Taber Abraser S-17 Wheel, 1000 gms, 1000 cycles	ASTM D 4060	30 mgs. Weight Loss / Passed			
4	Cathodic Disbondment (-) 1.5v, 25° C, 30 days, 3% NaCl, Radius of Staining	ASTM G 95	4 mm / Passed			
5	Flexibility 180 Bend over 77 mm mandel	ASTM D 522	Passed/ No cracking, No delamination.			
6	Water Absorption	ASTM D 570	0.3177 % / Passed			
7	Chemical Resistance 10% H2SO4, 25% NaCl, 30% NaOH and #2 Diesel Fuel (% Change in Mass, Length or Width)	ASTM D 543 (30 Days)	Reagent	(%) Change Mass	(%) Change Length	(%) Change Width
			10% H2SO4	0.531%	0.098%	3.5 %
			30% NaCl	0.25%	0.059%	2.51%
			30% NaOH	1.55%	0.029%	1.657%
			#2 Diesel Fuel	4.1%	2.18%	0.534%


[Dr. Ch. Ramakishan Rao]

डॉ. सी.व. रामकिशन राव / Dr. Ch. Ramakishan Rao
वरिष्ठ प्रमुख वैज्ञानिक / Senior Principal Scientist
पोलिमर व क्रियात्मक पदार्थ प्रभाग
Polymers & Functional Materials Department
सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान
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