

TECHNICAL DATA SHEET
RILSAN® PA11 T BLACK 7450 AC

POLYAMIDE 11 POWDER

RILSAN® fine powders are specialty polyamide powders obtained from renewable resources. RILSAN® T range is designed for coating metal parts using the fluidized bed dip coating process. They provide superior protection against wear, impact, corrosion, chemicals as well as graffiti. Please consult Arkema literature for application method and recommendations.

TYPE

PA11

MAIN APPLICATIONS

- 수계 유체 도장 - 물 관련 액세서리
- 분체 도장 - 재생 에너지
- 분체 도장 - 식기 세척기 바스켓
- 자동차/트럭 - 자동차 도장

배송 방식

- 분말

가공 공정

- 유동층 침지

첨가제

- 열 안정화

MECHANICAL PROPERTIES

속성	DRY / COND VALUE*	UNIT	테스트 표준
Hardness, Shore D, 23°C (73°F)	- / 70		ISO 868
Coating impact, 23°C (73°F)	- / ≥ 2	J	ASTM G14
Hardness, Persoz, 23°C (73°F)	- / 250		ISO 1522
, Wheel CS 17, load 1 kg, 1000 cycles	- / 13	mg	ISO 9352

*DRY: Dry As Molded (DAM) if pellet / Dry if powder.
COND: Conditionned.

속성	값	UNIT	테스트 표준
Melting temperature, 10°C/min	183-188	°C	ISO 11357-1/-3
Vicat softening temperature, 50N at 50°C/h	181	°C	ISO 306

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OTHER PROPERTIES

속성	값	UNIT	테스트 표준
Covering efficiency (300 µm)	0.33	kg/m²	Internal Arkema
Water absorption, 24h	≤ 1	%	ISO 62
Median particles (D50)	100-130	µm	ISO 13320
Approximate RAL number	9011		
Salt spray test	Good adhesion after 2000 hours		ISO 9227
Specific gravity of coating, 20°C (68°F)	1.05	g/cm³	ISO 1183-1
Apparent density, Non compacted	0.52		ISO 1068
Apparent density, Compacted	0.62		ISO 1068
Particle Size Distribution (PSD), Fine particles (≤ 40 µm)	4	%	ISO 13320
Particle Size Distribution (PSD), Coarse particles (> 254 µm)	5	%	ISO 13320

포장

Available packaging:

- 25 kg / 55 lb 가방

보관수명

납품일로부터 5년의 유통기한, 적절히 보관할 때 (밀봉된 봉지, 적절한 습도, 자외선 차단 및 온도). 이 한도를 초과하는 모든 사용에 대해서는 기술 서비스를 참조해 주세요.

특징

- 생물 기반

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