

Direct Black VSF

Direct Black 22



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Direct Black VSF

DIRECT BLACK 22

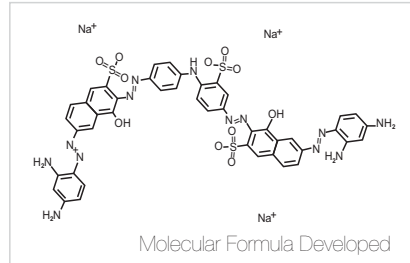


What is the best Direct Black 22?

One that produces the deepest shade at the lowest cost?

This is precisely the Direct Black VSF that meets two conditions: The deepest black shade and the lowest market price. The modern version of Direct Black VSF preserves excellent fastness properties and easy application in exhaust dyeing resulting in evenly dyed fabric.

Direct Black 22 is suitable for dyeing cellulosic fibers like Cotton, Wool, Viscose, Rayon & Paper. Our Direct Black 22 has excellent solubility and gives excellent yield on Jersey/Cotton black dyeing.



Ankit Industries is one of the largest producer and exporter of Direct Black 22 since 1995 based at Ahmedabad, India. We have modern manufacturing facility equipped with latest machinery to produce 1200 MT/P.A. excellent quality Direct Black 22. We offer Direct Black 22 in various versions like 2200%, 1600%, 1200%, 800%

Molecular Structure, Chemical and Physical Properties

Number C.A.S	6473-13-8	EINECS	229-326-3
Color Index	Direct Black 22	Number of Color Index	35435
Molecular Formula	C ₄₄ H ₃₂ N ₁₃ Na ₃ O ₁₁ S ₃	Molecular weight	1083.97g / mol

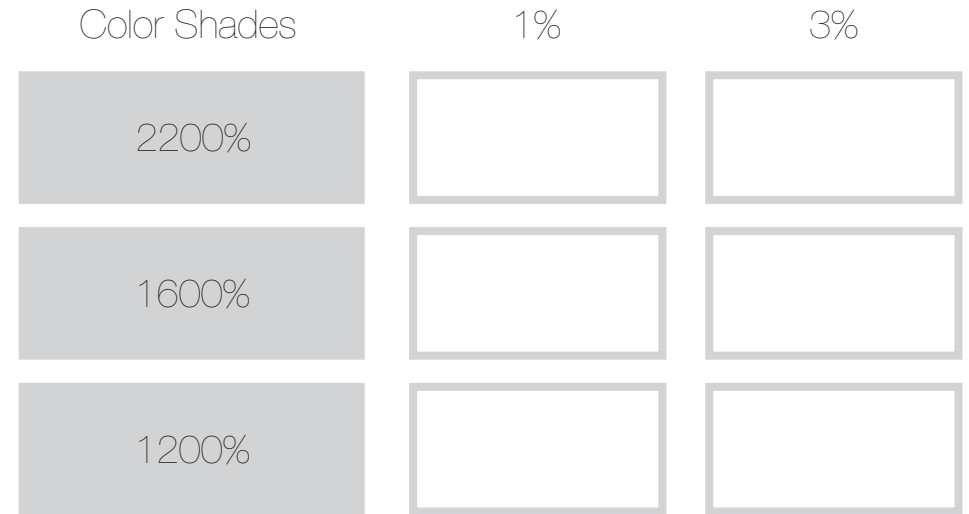
Dyeing Properties

Classification S.D.C	B
Sorting by stripping temperature	H
Strike (50 °C, 10 min.)	35%
Solubility (80 °C/176 °F)	30 to 35 gpl
Appearance Physics	Dust black
Migratory Properties	1 to 2
Effect of metal ions	Fe ²⁺ 4 to 5 Cu ²⁺ 4 to 5

Strength Properties

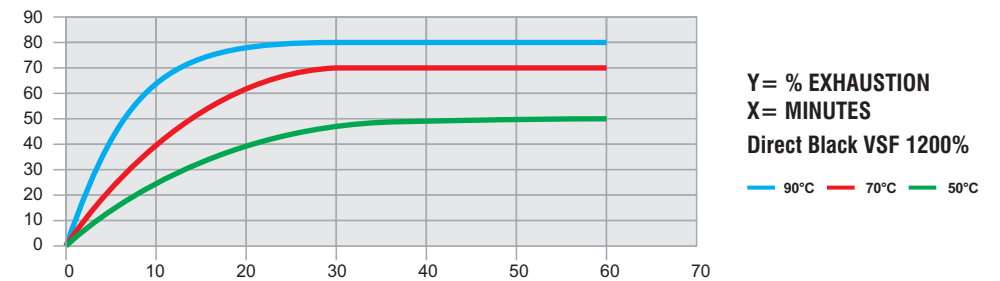
Posted before			After Set	
Washing	Color Change	4 to 5	Color Change	4-5 (R)
	Stained in cotton	2	Stained in cotton	4
Rub	Dry	3 to 4	Dry	3 to 4
	Wet	2	Wet	2 to 3
Light		5 to 6		5
Sweat		4 to 5		4 to 5

Color Shades



Isothermal curves depletion Direct Black VSF 1200%

These curves show that the depletion is greater the higher the temperature



Equilibrium curve of Exhaustion

The temperature range is recommended between 90 °C and 110 °C, ideally 100 °C. Exhaust temperature will be of course subject to the conditions and possibilities of the equipment used. In open systems temperature of 95 °C to 100 °C is usual.

